

# "TOGA"

## TESTED TOOLS



BRITISH MADE &  
FULLY GUARANTEED  
**TOOLS**

*for*

**CARPENTERS  
ENGINEERS  
PLUMBERS ETC.**

CATALOGUE  
No 11

OCTOBER  
1938

"TOGA" TOOLS  
ARE GUARANTEED  
TO BE BRITISH MADE  
OF BRITISH MATERIALS

THEY ARE SELECTED WITH THE  
UTMOST CARE AND DELIBERATION  
AND SHOULD ANY TOOL FAIL  
TO GIVE ENTIRE SATISFACTION  
IT WILL BE REPLACED  
FREE OF CHARGE

This is a simple scan at 300DPI and is not  
searchable.

There is an index at pages 62-64 of the catalogue.

No attempt has been made to clean up the water,  
rusty staple and greasy finger marks that give these  
catalogues their character.

# TOGA GUARANTEED TOOLS

## "Super" Hand Saw

Fig. T1000



American Pattern.

Skew Back.

Five Raised Silver-plated Screws.

Extra Hard Temper.		Machine Taper Ground. Best English Beechwood Handle.				Highly Polished.	
Size		18	20	22	24	26	28 in.
PRICE		8/2	8/8	9/6	10/9	11/1	12/1 each
Extra Handles, 3/- each							

## "Special" Hand Saw

Fig. T1001

Flexible Blade.

Machine Taper Ground.

Spring Temper.



Raised Brass Screws.

This Saw offers remarkable value at a moderate price.

Size	.. ..	20	22	24	26 in.
PRICE	.. ..	6/6	6/10	7/1	7/5 each
Extra Handles, 2/3 each					

## "Standard" Hand Saw

Fig. T1002



American Pattern.

Skew Back.

Superior Cast Steel.

Polished Beech Handle.

Length	.. ..	16	18	20	22	24	26 in.
PRICE	.. ..	3/2	3/4	3/8	4/1	4/6	4/9 each
Extra Handles, 1/8 each.							

## "Special" Farmers' Saw

Fig. T1003

Superior Cast Steel.

Raised Brass Screws.

Highly Polished Handle.

Great American teeth for green or wet wood.



Length	.. ..	24	26 in.
PRICE	.. ..	6/10	7/1 each
Extra Handles, 2/3 each			

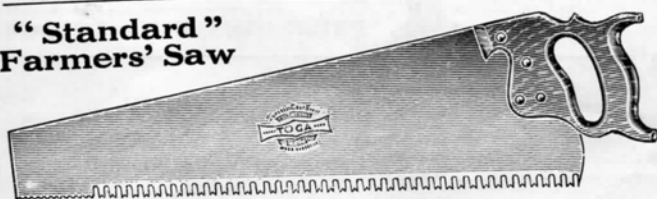
## "Standard" Farmers' Saw

Fig. T1004

Straight Back.

Superior Cast Steel.

Lightning Teeth for green or wet wood.



Length	.. ..	24	26 in.
PRICE	.. ..	4/9	5/- each
Extra Handles, 1/8 each			

# TOGA GUARANTEED TOOLS

## One-Man Cross-Cut Saws

Fig. T1010

Lightning Tooth. Beech Handle.



Length 3 3½ 4 4½ 5 ft.

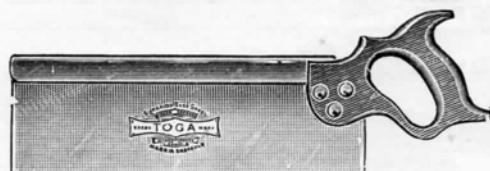
Price 9/4 10/3 11/8 13/5 14/10 ea.

Price includes Supplementary  
Handle as shown.

Extra Supplementary Handles  
1/3 each

## Tenon or Back Saws

Fig. T1015



Polished Beech Handle.

Sizes 12 in. and over have

3 screws in handle.

Extra Handles, 1/4 each

Brass Back

Length 8 9 10 12 14 16

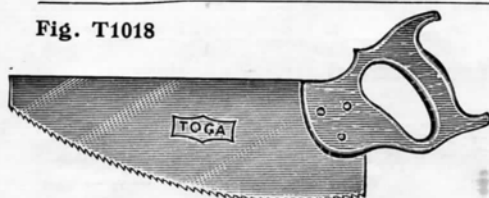
PRICE 5/11 5/11 6/1 6/8 7/6 8/6

Iron Back

8 9 10 12 14 16 in.

4/6 4/8 4/10 4/11 5/6 6/3 each

Fig. T1018



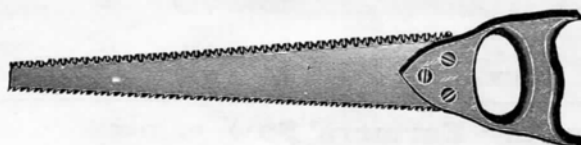
## Flooring Saws

A Handy Saw of entirely  
new design. Essential to  
Gasfitters, Plumbers & Builders.

Blade 13½ in. long. PRICE 4/2 ea.

Fig. T1019

## Pruning Saws



One side  
Lightning  
Tooth for  
Green Wood.

Length .. .. 12 14 16 18 20 in.  
PRICE .. .. 3/2 3/5 3/7 3/11 4/5 each

## Compass or Lock Saws

Fig. T1020



Beechwood Handle.

Size 10 12 14 16 in.

PRICE 1/5 1/6 1/9 1/11 each

## Nests of Saws

Fig. T1021



Beechwood Handle.

Complete with 3 Blades 3/1 ea.

Keyhole Blade .. 7/6 "

Compass Blade .. 7/7 "

Pruning Blade .. 1/2 "

Handles .. 1/1 "



# TOGA GUARANTEED TOOLS



## Electricians' Brass Back Saws

Fig. T1031

Polished Beechwood Handle.

Length of Blade, 3½ in.

PRICE 1/- each

## Gents' Brass Back Saws

Fig. T1032

Polished Beechwood Handle.



Size .. 4 5 6 7 8 9 in.

PRICE 1/3 1/6 1/7 1/9 1/11 2/2 each

## Jewellers' Brass Back Saws

Fig. T1033

Polished Beechwood Handle.



Size .. 4 5 6 in.

PRICE .. 1/- 1/1 1/2 each

## Keyhole Saws and Pads

Fig. T1040



Small Med. Large

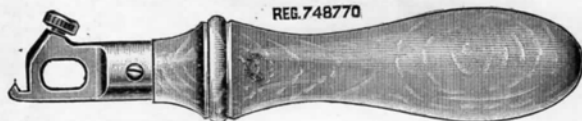
Beech 1/1 1/7 1/10 ea.

Boxwood — 2/2 2/8 „

Complete with Blade.

Fig. T1041

## Lock Tooth Pad Saw Handle



REG. 748770

The Blade is securely locked in the handle by means of a knurled screw.

PRICE 1/4 each.

Blade not included.

Fig. T1045

## Pad Saw Blades



Each up to	..	..	..	..	..	10	11	12	14 in.
Straw or Bright	..	..	..	..	..	7/3	7/3	7/3½	7/3½ each
Ground Thin to Back	..	..	..	..	..	7/3½	7/4	7/4½	— „

## Malleable Iron "G" Cramps

Fig. T1060

Steel Screw, Black Finish.



Size .. 2 2½ 3 3½ 4 in.

PRICE .. 7/8½ 1/1 1/5 1/6 1/10 each

# TOGA GUARANTEED TOOLS

## BEST QUALITY HAND MADE PLANES

### Smoothing Planes Fig. T1100 Hand Made



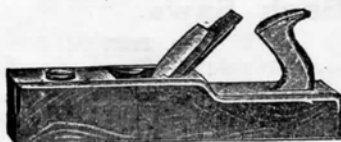
Best Seasoned English Beech.  
Best Quality Double Irons. Brass Nuts.

Size	..	8 x 2	8 x 2½	8 x 2½ in.
PRICE	..	7/6	8/-	8/6 each
„	Extra Irons, Single	1/4	1/5	1/7 „
„	„ „ Double	2/5½	2/7	2/10 „

### Technical or Sunk Handle Jack Planes

Fig. T1101

#### Hand Made



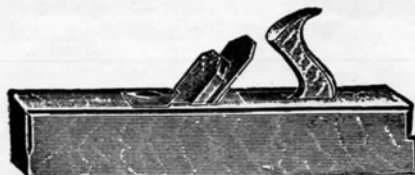
Best Seasoned English Beech.  
Best Quality Double Irons. Brass Nuts.

Size	..	..	..	15 x 2 in.
PRICE	..	..	..	12/6 each
„	Extra Irons, Single			1/4 „
„	„ „ Double			2/5½ „
„	„ Handles	..		7/10 „

### Jack Planes

Fig. T1102

#### Hand Made



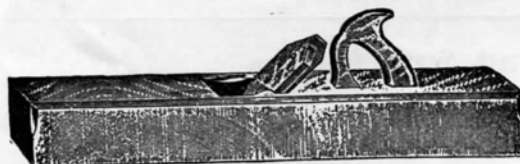
Best Seasoned English Beech  
Best Quality Double Irons. Brass Nuts.

Size	..	..	15 x 2	17 x 2½ in.
PRICE	..	..	9/6	10/6 ea.
„	Extra Irons, Single	1/4	1/7	„
„	„ „ Double	2/5½	2/10	„
„	„ Handles	..	7/10	7/10 „

### Trying Planes

Fig. T1103

#### Hand Made



Best Seasoned English Beech.  
Best Quality Double Irons. Brass Nuts.

Size	..	..	22 x 2½ in.
PRICE	..	..	13/6 each
„	Extra Irons, Single	1/10½	„
„	„ „ Double	3/3½	„
„	„ Handles	1/1	„

### Rabbet Planes

Fig. T1104

#### Hand Made.



Best Seasoned English Beech.

Size	..	..	¾	1	1½	1½	1½	2 in.
Square	..	5/-	5/-	5/-	6/-	7/-	8/-	each
Skew	..	5/-	5/-	5/-	6/-	7/-	8/-	„
Square Irons	..	1/-	1/-	1/-	1/1	1/2	1/4	„
Skew Irons	..	1/-	1/-	1/1	1/2	1/3	1/5	„

For Best Quality MACHINE MADE PLANES, see next page

# TOGA GUARANTEED TOOLS

## BEST QUALITY MACHINE MADE WOOD PLANES

### Smoothing Plane

Fig. T1090



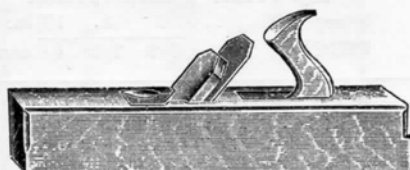
Best Steamed English Beech. Solid Steel Irons

Size	..	6 × 1½ in.	Single Iron.	PRICE	2/- each
"	..	7½ × 2 "	Double Iron.	"	4/3 "
"	..	8 × 2½ "	" "	"	4/6 "
"	..	8 × 2¾ "	" "	"	4/9 "

PRICE for Extra Double Irons. 2 in. 2/- 2½ in. 2/3 2¾ in. 2/5 each

### Jack Planes

Fig. T1091



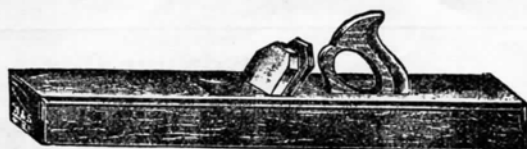
Best Steamed English Beech.  
Machine made.

Solid Steel Irons.	PRICE
Size 15 × 2 in.	Double Iron. 7/- ea.
" 17 × 2½ "	" " 7/3 "

PRICE for Extra Double Irons. 2 in. 2/- 2½ in. 2/5 each

### Trying Planes

Fig. T1092

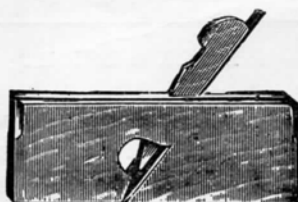


Best Steamed English Beech. Machine Made.  
Solid Steel Irons.  
Size 22 × 2½ in.

PRICE 11/3 each

### Rabbet Planes

Fig. T1093



Best Steamed English Beech.  
Machine made.

Size Iron	..	1	1¼	1½ in.
Square	..	3/8	3/8	3/8 ea.
Skew	..	3/8	3/8	3/8 "

### Bench Stops

Fig. T1116

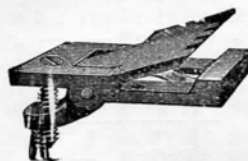


Fig. T1115

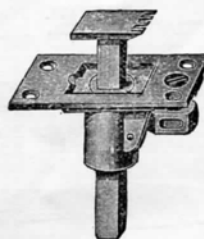
Malleable Iron Body.

Mild Steel. Screw and Spring.

PRICE .. 1/8 each.

Morrells' Pattern.  
Toothed Top can be set at any height by means of Set Screw.

PRICE .. 3/1 each



### Carpenters' Pencils

Fig. T1119



Vermilion Enamelled.  
Canted Rectangular Section.  
PRICE 2/- doz.

# TOGA GUARANTEED TOOLS

## Ratchet Braces

Ball-Bearing. Full Clad Head. Alligator Jaws.

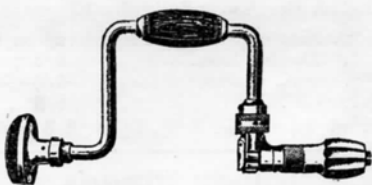


Fig. T1124. Chromium Plated.

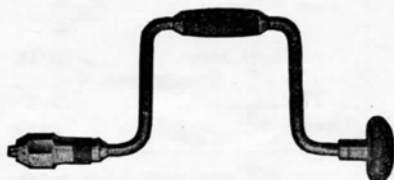
Sweep	..	8	10 in.
PRICE	..	12/-	12/6 each

Fig. T1126. Nickel Plated.

Sweep	..	6	8	10 in.
PRICE	..	9/6	9/6	9/9 each

Fig. T1127. Polished Frame.

Sweep	..	6	8	10 in.
PRICE	..	7/9	7/9	8/- each



## Plain Braces

Fig. T1128

Hardwood Head. Polished Frame.  
Sweep .. 6 8 10 in.

PRICE .. 3/- 3/3 3/6 each



## Screwdriver Bits

Fig. T1134

American Pattern. All Bright.

Sizes ..  $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{7}{16}$   $\frac{1}{2}$  in.  
PRICE, all sizes 7/6 $\frac{1}{2}$  each

## Brace Bits

BLACK & BRIGHT

Centre Bits. Size  $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{7}{16}$   $\frac{1}{2}$   $\frac{5}{8}$  in.

Price, Black 7/5 7/5 7/5 7/5 $\frac{1}{2}$  7/5 $\frac{1}{2}$  7/5 $\frac{1}{2}$  each

Size ..  $\frac{5}{8}$   $\frac{11}{16}$   $\frac{3}{4}$   $\frac{13}{16}$   $\frac{7}{8}$   $\frac{15}{16}$  1 1 $\frac{1}{8}$  1 $\frac{1}{4}$  in.

Price, Black 7/5 $\frac{1}{2}$  7/6 7/6 7/6 $\frac{1}{2}$  7/6 $\frac{1}{2}$  7/7 7/7 7/8 $\frac{1}{2}$  7/9 $\frac{1}{2}$  ea.



Fig. T1135



Fig. T1136. Black.  
Fig. T1131. Bright.

Snail Countersink. Size  $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  1 in.

Price, Black 7/6 7/6 7/7 7/11 1/6 ea.

„ Bright 7/6 $\frac{1}{2}$  7/7 7/8 — — „



Fig. T1137. Black.  
Fig. T1132. Bright.

Rose Countersink. Size  $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  1 in.

Price, Black 7/6 7/6 7/8 $\frac{1}{2}$  1/- 1/8 ea.

„ Bright 7/6 $\frac{1}{2}$  7/7 7/9 — — „



Fig. T1138

Screwdriver. Size  $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  1 in.

Price, Black 7/5 7/5 $\frac{1}{2}$  7/6 $\frac{1}{2}$  7/8 $\frac{1}{2}$  1/- ea.

„ Bright 7/5 $\frac{1}{2}$  7/6 — — — „



Fig. T1139. Black.  
Fig. T1133. Bright.

Shell. Size  $\frac{1}{4}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{7}{16}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$  in.

Price, Black 7/5 $\frac{1}{2}$  7/6 7/6 $\frac{1}{2}$  7/7 7/8 $\frac{1}{2}$  7/9 $\frac{1}{2}$  7/10 $\frac{1}{2}$  each

„ Bright 7/6 7/6 $\frac{1}{2}$  7/7 — — — „

# TOGA GUARANTEED TOOLS

## New Type Centre Bits Fig. T1141



An Exceptionally Fast  
Cutting Centre Bit.  
Bores true to size.

Size ..	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	in.
PRICE	7/10	7/10	7/11	1/-	1/1	1/2	1/3	1/4	1/7	1/9	2/-	each

## Swiss Bits



Fig. T1142

Gimlet Point

Size to ..	2	3	4	5	6	7	8	9	10	11	12	/32nds.
PRICE ..	7/4 $\frac{1}{2}$	7/4 $\frac{1}{2}$	7/4 $\frac{1}{2}$	7/4 $\frac{1}{2}$	7/4 $\frac{1}{2}$	7/4 $\frac{1}{2}$	7/4 $\frac{1}{2}$	7/5 $\frac{1}{2}$	7/5 $\frac{1}{2}$	7/7	7/7	each

## Countersinks with Round Shank

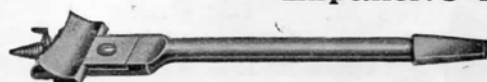
Fig. T1143



Diameter of Head	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	in.
„ Shank	$\frac{3}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	„
Length Overall ..	2	4	4	„
PRICE ..	7/10	1/1	1/3	ea.

## Expansive Bits

Fig. T1144



Size A.	$\frac{1}{2}$ - $1\frac{1}{2}$ in.	PRICE	6/7 ea.
„ B.	$\frac{7}{8}$ -3 „	„	9/6 „

Extra Cutters.	For A Size		For B Size				
	$\frac{1}{2}$ - $\frac{7}{8}$	$\frac{7}{8}$ - $1\frac{1}{2}$ in.	$\frac{7}{8}$ - $1\frac{3}{4}$	$1\frac{3}{4}$ -3	3-4	$3\frac{1}{2}$ -5	$4\frac{1}{2}$ -6 in.
	1/3	1/4 each	1/11	2/3	3/6	4/7	5/7 each

## Auger Bits



Jennings Pattern  
Fig. T1145



Solid Centre.  
Fig. T1146



Gedges Pattern  
Fig. T1147

Size ..	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$ - $\frac{5}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1 in.
Jennings „	2/-	2/-	1/6	1/6	1/6	1/8	1/10	2/-	2/-	2/3	2/3	2/6	2/6 ea.
Solid Cent.	1/6	1/6	1/4	1/6	1/8	1/9	1/11	2/4	2/4	2/7	2/7	3/-	3/- „
Gedges Pat.	2/4	2/4	1/9	1/9	1/9	1/11	2/2	2/4	2/4	2/7	2/7	2/11	2/11 „

# TOGA GUARANTEED TOOLS

## Sets of Auger Bits

Fig. T1148

Contained in attractive Light Oak Case.

Sets of 9 Bits,  $\frac{1}{4}$ – $\frac{1}{2}$  in.  $\times$  16ths and  $\frac{3}{8}$ –1 in.  $\times$  8ths.

Jennings Patt.	..	..	PRICE 20/4 each set
Solid Centre	..	..	20/11 " "
Gedges Patt.	..	..	24/9 " "

Sets of 13 Bits,  $\frac{1}{4}$ –1 in.  $\times$  16ths.

Jennings Patt.	..	..	PRICE 28/10 each set
Solid Centre	..	..	30/9 " "
Gedges Patt.	..	..	35/2 " "



Fig. T1149

Contained in strong Black Leatherette Roll with Solid Leather Flap

Sets of 9 Bits,  $\frac{1}{4}$ – $\frac{1}{2}$  in.  $\times$  16ths and  $\frac{3}{8}$ –1 in.  $\times$  8ths.

Jennings Patt.	PRICE 19/3 each set
Solid Centre	.. " 19/9 " "
Gedges Patt.	.. " 23/8 " "
Rolls only	.. " 2/2 each

Sets of 13 Bits,  $\frac{1}{4}$ –1 in.  $\times$  16ths

Jennings Patt.	..	PRICE 27/6 each set
Solid Centre	..	29/8 " "
Gedges Patt.	..	34/1 " "
Rolls only	..	3/- each



## Bit Rolls

Canvas and Leather

Canvas Bit Rolls, Fig. T1150

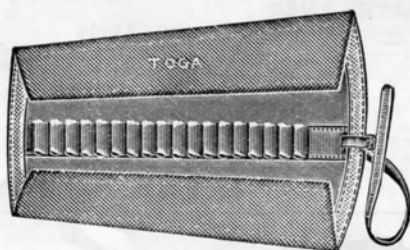
	for 18	24	36 Bits
PRICE ..	3/4	3/8	4/3 each

Leather Bit Rolls, Fig. T1151

for 26 Bits, 8/6 each.

Canvas Rolls, 20  $\times$  14 ins. To hold 26 Tools, Fig. T1152.

PRICE 6/4 each



## Machine Auger Bits Fig. T1153

With Round Shank  
2 in.  $\times$   $\frac{1}{2}$  in. dia.

12 in. Length Overall.

Size ..	..	..	..	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
PRICE ..	..	..	..	3/10	3/10	3/10	4/2	5/-	5/9 each
Size ..	..	..	..	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 in.
PRICE ..	..	..	..	6/6	7/4	8/-	9/2	10/9	12/3 each

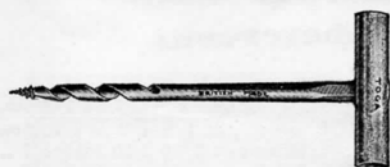
## Machine Dowel Bits Fig. T1154

Jennings Pattern.

$\frac{3}{8}$  in. dia. Shanks.

Size ..	..	..	..	..	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$ in.
PRICE ..	..	..	..	..	..	..	2/-	..	each

# TOGA GUARANTEED TOOLS

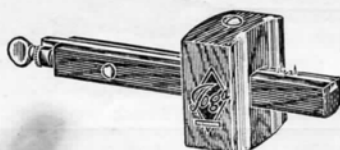


## Gimlets

Wood or Steel Handled  
Fig. T1170 Fig. T1171

Wood Handled. Best Boxwood. Blades Pinned and Riveted. Steel Handled. Unbreakable. Blades Pinned and Riveted.

Size	..	..	..	..	..	..	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	In.
Wood. Fig. T1170	..	..	..	..	..	..	$\frac{7}{4}$	$\frac{7}{4}$	—	$\frac{7}{4\frac{1}{2}}$	$\frac{7}{5}$	$\frac{7}{5\frac{1}{2}}$	—	each
Steel. Fig. T1171	..	..	..	..	..	..	$\frac{7}{5\frac{1}{2}}$	$\frac{7}{5\frac{1}{2}}$	$\frac{7}{6\frac{1}{2}}$	$\frac{7}{7}$	$\frac{7}{8}$	$\frac{7}{8\frac{1}{2}}$	$\frac{7}{9}$	„



## Mortise Gauge

Fig. T1173

Polished Rosewood Plated

Thumbscrew Slide

PRICE, 5/9 each



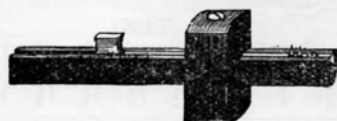
## Mortise Gauge

Fig. T1174

Polished Rosewood Plated

Thumbscrew Slide Brass Shield

PRICE, 6/9 each



## Mortise Gauges

Fig. T1175

Polished Rosewood. Plain Head

Brass Pull Slide.

PRICE 4/5 each

## Marking and Cutting Gauges

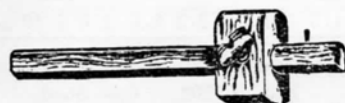


Fig. T1176 Marking, Plain 7/10  
Best seasoned English Beech

Fig. T1177 Marking, Plated 1/7  
Best seasoned English Beech



Fig. T1178 Cutting, Plain 1/1  
Best seasoned English Beech.

Fig. T1179 Cutting, Plated 2/1  
Best seasoned English Beech.

## Combination Mortise and Marking Gauges

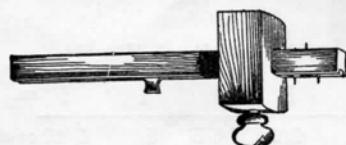


Fig. T1180

Best Seasoned and Polished Beechwood.

Brass Slide and Thumbscrew.

PRICE 2/5 each



# TOGA GUARANTEED TOOLS

## Plain Spokeshaves

Fig. T1190



Size	..	..	2	2 1/4	2 1/2	3	in.
PRICE	Beech	1/8	1/9	1/9	2/2	ea.	
"	Boxwood	2/10	2/10	2/11	3/7	"	
"	C.S. Irons	7/9	7/9 1/2	7/10	7/11	"	



## Cabinet Scrapers

Fig. T1195

Best Quality  
Cast Steel.

Size	3 x 1 1/2	4 x 2	5 x 2 1/2	6 x 3 in.
Price	7/3	7/3 1/2	7/5	7/6 ea.

## Cabinet Scraper Burnishers

Fig. T1196



Hardened Steel Blade. Steel Ferrule. Stained  
and Polished Hardwood Handle.

PRICE 7/8 each

## Firmer Chisels

Fig. T1200

Cast Steel. Round Ash or Box  
Carver Handles.

Size	..	..	Up to	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	in.
PRICE	Round Ash Handles	7/11 1/2	1/-	1/1	1/1	1/2	1/3	1/3	1/5	1/6	1/8	1/10	2/-	2/3	ea.		
"	Box Carver Handles	1/2	1/2	1/3	1/3	1/4	1/4	1/5	1/7	1/8	2/-	2/3	2/4	2/7	"		
"	Unhandled	7/7	7/7 1/2	7/8	7/9	7/9 1/2	7/10	7/11	1/1	1/3	1/5	1/7	1/8	1/11	"		

## Bevel-Edge Chisels

Fig. T1201

Cast Steel. Round Ash or Box  
Carver Handles.

Size..	..	Up to	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	in.
PRICE	Round Ash Handles	1/6	1/7	1/7	1/8	1/8	1/9	1/10	2/-	2/2	2/7	2/9	3/-	3/2	ea.	
"	Box Carver Handles	1/7	1/8	1/8	1/9	1/9	1/10	2/-	2/2	2/4	2/9	3/1	3/3	3/5	"	
"	Unhandled	1/2	1/3	1/3	1/4	1/4	1/5	1/6	1/8	1/9	2/3	2/5	2/6	2/10	"	

## Registered Chisels

Fig. T1202. Cast Steel.

Double Hooped Ash Handles.

Size..	..	Up to	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	in.
PRICE	..	1/8	1/9	1/9	1/9	1/9	1/10	2/12	2/3	2/7	2/9	2/11	3/1	3/3	each	

## Mortise Chisels

Fig. T1203

Cast Steel Blades.

Oval Beech Handles.



Size	..	..	..	..	1/4	5/16	3/8	1/2	5/8	3/4	in.
PRICE	..	..	..	..	4/1	4/1	4/1	4/5	5/-	5/10	each

# TOGA GUARANTEED TOOLS

Fig. T1204

## Floor Chisels



For Joiners, Electricians,  
Plumbers, etc.

Size ..	9 x 2 1/4	9 3/4 x 2 1/2 in.
PRICE	1/6	1/9 ea.

## Firmer Gouges



Fig. T1205

Cast Steel.

Ash Handles.

Cannelled outside or inside, same price.

Size..	Up to 1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 5/8	1 3/4 in.
PRICE ..	1/1	1/1	1/3	1/3	1/4	1/4	1/5	1/6	1/8	1/10	2/1	2/4	2/6 each

A

## Chisel Handles

Fig. T1219

B



Best Seasoned Ash  
Two-polished Steel Ferrules.



Best Quality Octagon  
Boxwood

C

D



Best Quality. Carving  
Pattern. Boxwood.



Best Seasoned  
Round Ash.

Size, for Chisels	Up to 3/8	1/2, 5/8, 3/4	7/8, 1	1 1/8, 5/8	3/4, 1	1 1/8, 1 1/4	1 5/8, 2 in.
Size of Ferrule	1/2	5/8	3/4	7/8	1	1 1/4	1 5/8
PRICE	A 7/5	7/5	7/5	7/5	7/6	7/6	7/6 each
"	B 7/6	7/6	7/7	7/7	7/7	7/8	7/11 "
"	C 7/5	7/5	7/5	7/6	7/7	7/7	7/9 "
"	D 7/4	7/4	7/4	7/4	7/5	7/6	7/6 "

Fig. T1220

## Ratchet Screwdrivers No. 110



American Pattern.

Best Quality and  
Superior Finish.

Size ..	2	3	4	5	6 in.
PRICE ..	1/10	1/11	2/2	2/4	2/5 each

## Ratchet Screwdrivers No. 115

Similar to American Pattern No. 15.

Fig. T1221



Best Quality  
and  
Superior  
Finish.

Size ..	2	3	4	5	6 in.
PRICE ..	2/4	2/5	2/6	2/7	2/8 each

# TOGA GUARANTEED TOOLS

Fig. T1222

## Cabinet Screwdrivers



Worked Oval Handles, Brass Ferrules.

Beech or Boxwood.

Size	..	..	..	3	4	5	6	7	8	9	10	12 in.
PRICE (Beech)	..	..	..	1/-	1/1	1/4	1/6	1/9	2/2	2/6	2/10	3/2 each
PRICE (Boxwood)	..	..	..	1/4	1/5	1/9	2/2	2/6	2/11	3/4	3/9	4/3 "

## Cabinet Screwdrivers

Fig. T1223



Fancy Turned Oval Handles. Steel Ferrules. Beech or Boxwood.

Size	..	..	..	2	3	4	5	6	7	8	9	10	12 in.
PRICE (Beech)	..	..	..	7/7	7/8	7/9	7/11	1/1	1/3	1/5	1/7	1/9	2/2 each
PRICE (Boxwood)	..	..	..	7/9	7/10	7/11	1/2	1/5	1/7	1/10	2/1	2/4	2/10 "

## Chrome Vanadium Blades

Boxwood Handle Fig. T1224 1/1 1/3 1/7 1/10 2/4 2/7 3/2 3/5 3/11 "

Fig. T1225

## Fluted Handle Screwdrivers



Stained and Polished Beechwood Handles.

Steel Ferrules.

Electricians' Type, $\frac{1}{8}$ in. Blade												
Size	..	..	..	..	3	4	5	6	7	8	10	12 in.
PRICE	..	..	..	..	7/10	1/-	1/-	1/1	1/1	1/2	1/2	1/3 each
Engineers' Type												
Size	..	..	..	..	$3 \times \frac{1}{16}$	$4 \times \frac{1}{16}$	$5 \times \frac{1}{16}$	$6 \times \frac{1}{16}$	$7 \times \frac{1}{16}$	$8 \times \frac{1}{16}$	$10 \times \frac{1}{16}$	$12 \times \frac{1}{16}$ in.
PRICE	..	..	..	..	7/10	1/-	1/2	1/2	1/5	1/6	1/9	1/10 each

Fig. T1226

## London Pattern Screwdrivers



Extra Heavy Type. Flat Beech

Handles. Brass Ferrules.

Size	..	3	4	5	6	7	8	9	10	12	14	16	18 in.
PRICE	..	7/10	7/11	1/1	1/3	1/6	1/9	2/2	2/6	2/10	3/4	4/11	6/- each

Fig. T1227

## Electricians' Screwdrivers



Octagon Handles.

Walnut or Boxwood.

Size	..	..	..	..	3	4	5	6	7	8 in.
PRICE (Walnut)	..	..	..	..	7/11	7/11	1/-	1/1	1/2	1/3 each
PRICE (Boxwood)	..	..	..	..	7/11	1/-	1/1	1/1	1/3	1/5 "

## "Perfect Handle" Pattern Screwdrivers

Fig. T1228



Solid Cast Steel Blades run the whole length of the Handle. Hardwood inserts securely riveted.

Size overall	..	..	..	4 1/2	6	8	10	12 in.
PRICE	..	..	..	1/2	1/5	2/-	2/8	3/3 each

# TOGA GUARANTEED TOOLS

## Unbreakable Machinists' Screwdriver



Fig. T1229

Overall Length

10½ in.

PRICE 1/7 each

**CHROME-VANADIUM BLADES**

The ⅝ in. square blade runs right through the handle and is securely pinned.

## Unbreakable Machinists' Screwdriver



Fig. T1230.

Overall Length

10½ in.

PRICE, 1/9 ea.

**CHROME-VANADIUM BLADES**

Exactly as Fig. T1229, above but with Turned Oval Beech Handle.

## Midget Insulated Screwdrivers

Fig. T1231



Tested up to 5,000 volts.

Bakelite Handles of various colours.

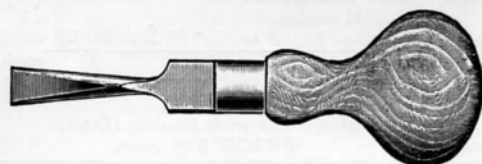
Size	..	..	..	..	..	2	3	4	6	8 in.
------	----	----	----	----	----	---	---	---	---	-------

PRICE	..	..	..	..	..	7/6	7/6	7/6	7/9	7/10 each
-------	----	----	----	----	----	-----	-----	-----	-----	-----------

For more fully Insulated Screwdrivers, see Fig. T1233 below.

Fig. T1232

## Motor Screwdrivers



Beechwood Handles.

Cast Steel Blades

2½ in. long × ⅞ in. wide.

PRICE 1/3 each.

## Insulated Screwdrivers

Fig T1233



Black Vulcanite Handle, insulated to within one inch of the tip.

Size 6 × ⅝ in. PRICE, 7/10 each

Size 6 × ¾ in. PRICE, 1/4 each

## Electricians' Screwdrivers

Fig. T1234



Oval Beech Handles

Size	..	..	..	..	3	4	5	6	7	8 in.
PRICE	..	..	..	..	7/8	7/8½	7/10½	1/0½	1/2½	1/4½ each

# TOGA GUARANTEED TOOLS

## Electricians' Insulated Handle Screwdrivers



Fig. T1235

Moulded Black  
Bakelite Handles

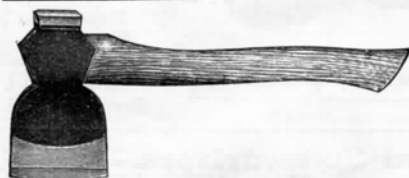
Size ..	6	7	8 in.
PRICE ..	7/8	7/8½	7/9 each



## Hunters Axes

Fig. T1250

Black Finish.		Hickory Handles.	
No. 1	PRICE 3/8 each.	No. 2	PRICE 3/9 each.
Black Finish.		Waxed Ash Handles.	
No. 1	PRICE 3/4 each.	No. 2	PRICE 3/6 each.



## Kent Hatchets

Fig. T1251

Half Bright and Blue.		Ash Handles.	
No. 1	PRICE ..	3/8	each
No. 2	" ..	4/1	"
No. 3	" ..	4/6	"

Fig. T1252. Second Quality.		Half Bright and Red.	
No. 1	2/7	No. 2	2/11
		No. 3	3/4 each



## Lathing Hatchets Fig. T1253

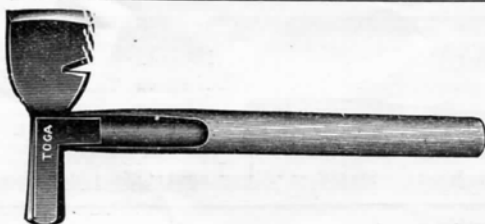
American Pattern.  
Octagon Chequered Faced  
Head.  
Smooth Black Finish.  
Bright Blade.

These Hatchets are fitted with good quality Waxed Hickory  
Handles.

Size ..	No. 1	16 oz.	No. 2	20 oz.
PRICE ..	4/7		5/-	each

## Light Lathing Hatchets

American Pattern. Same Pattern as above but with Square Head.  
No. 3 Weight 12 ozs. PRICE 5/2 each.



## Lath Hammers

Fig. T1254

Bright Head. Ash Handle  
Chequered Face.

No. 1	No. 2
3/11	4/5 each



## Adze Eye Claw Hammers Fig. T1275

Cast Steel. All Bright Heads  
Hickory Handles.  
A really good quality tool  
of attractive appearance.

No. ..	1	2	3	4	5
Weight ..	13	16	20	24	28 oz.
PRICE ..	4/7	4/9	5/2	5/4	5/8 each

# TOGA GUARANTEED TOOLS

## Warrington Hammers

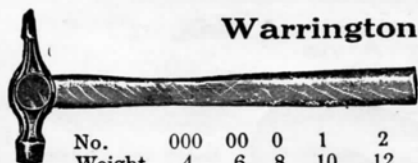


Fig. T1276

Cast Steel Head.

Best Quality Ash Handles.

No.	000	00	0	1	2	3	4	5	6	7	8	9	10
Weight	4	6	8	10	12	14	16	18	20	22	25	28	31 oz.
PRICE	1/2	1/2	1/2	1/3	1/5	1/6	1/10	2/2	2/5	2/9	3/3	3/9	4/4 ea.

Fig. T1277. As above but all Bright Heads.

No.	..	00	0	1	2	3	4	5	6	7	8
PRICE	..	1/8	1/8	1/10	2/-	2/2	2/6	2/11	3/7	4/-	4/6 each

## Bench Claw Hammers



Fig. T1278

Cast Steel Black Head.

Polished Face.

Best Quality Ash Handles.

No.	..	..	00	0	2	3	4
Weight	..	..	8	12	16	20	24 oz.
PRICE	..	..	1/8	1/9	2/3	2/7	3/1 each

FOR ENGINEERS' HAMMERS see page 36

## Carpenters' Adze Eye Claw Hammer Handles



Fig. T1283

Best Quality Hickory.

Length, 14 in.

PRICE, 7/6 each

## Carpenters' Hammer Handles

Fig. T1284

Ash	..	10	12	14	16 in.
PRICE	..	7/2	7/2	7/2½	7/3 each

## Bradawls



Fig. T1285

Cast Steel. Spread Points

Ash and Boxwood

Handles.

Length of Blade	..	..	..	..	1	1¼	1½	1¾	2 in.
Ash Handle	..	..	..	..	7/4	7/4½	7/4½	7/5	7/5½ each
Boxwood Handle	..	..	..	..	7/6½	7/6½	7/7½	7/7½	7/8 "
Ash Handle, Pinned Tang	..	..	..	..	7/5	7/5	7/5½	7/6	7/6½ "
Boxwood Handle, Pinned Tang	..	..	..	..	7/7	7/7½	7/8	7/8½	7/9 "
Ash Handle, Square Awls	..	..	..	..	—	—	7/5	7/5½	7/6 "

Extra Handles, 7/3 each

## Bradawls with Garnish Awl Handle



Fig. T1286

Best Turkey Boxwood

Handles.

Length of Blade	..	..	..	..	..	1½	1¾	2 in.
PRICE, Regular	..	..	..	..	..	7/7½	7/7½	7/8 each
„ Pinned Tang	..	..	..	..	..	7/8	7/8	7/9 "

# TOGA GUARANTEED TOOLS

## Flooring Awls

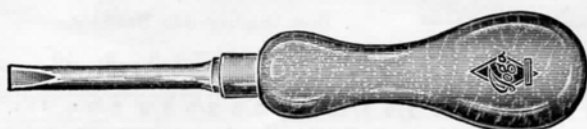


Fig. T1287

Cast Steel.

Beech and Boxwood  
Handles.

Length of Blade	..	..	..	..	..	2½	2¾	3 in.
PRICE, Beech Handles	..	..	..	..	..	7/6	7/6½	7/7 each
„ Boxwood „	..	..	..	..	..	7/9½	7/10	7/10½ „

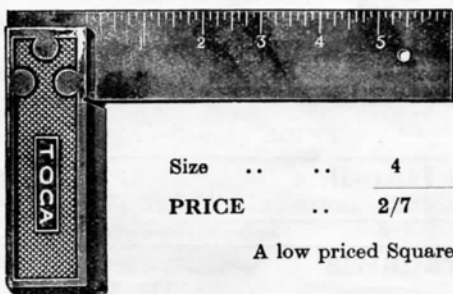
## Marking Awls



Fig. T1290

Beech Handles.

Length of Blade	..	3	4 in.
PRICE	..	7/6	7/7 each



## Metallic Squares

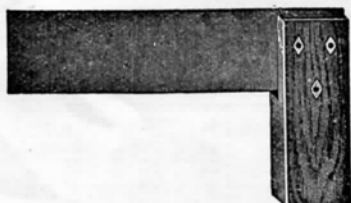
Fig. T1300

Iron Stock, Red Enamelled  
Steel Blade, Nickel Finish.

Graduated ½, ¼, 1 in.

Size	..	..	4	6	8 in.
PRICE	..	2/7	3/2	3/5 each	

A low priced Square, well and accurately made.

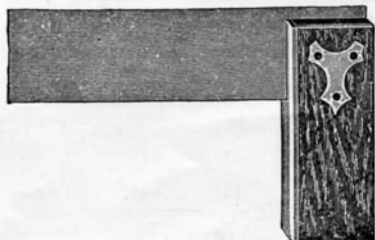


## Diamond Plated Squares

Fig. T1301

Best Rosewood. Brass Plated Stocks  
and Brass Diamonds. Blued Steel Blades.

Size	..	4½	6	7½	9	10½	12 in.
PRICE	2/5	3/-	3/7	4/2	4/10	5/6 each	



## Plated Squares

Rosewood      Ebony  
Fig. T1302      Fig. T1303

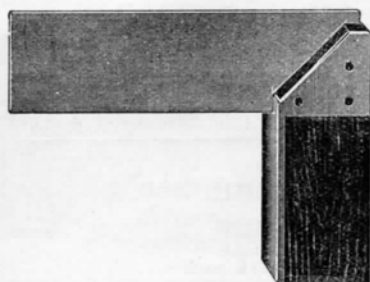
These Squares are the best of their kind

PRICES, each

Size	..	4½	6	7½	9	10½	12 in.
Rosewood	3/1	3/4	4/1	4/10	5/5	6/4	
Ebony	3/3	3/9	4/7	5/5	6/2	7/3	



# TOGA GUARANTEED TOOLS



## Try and Mitre Squares

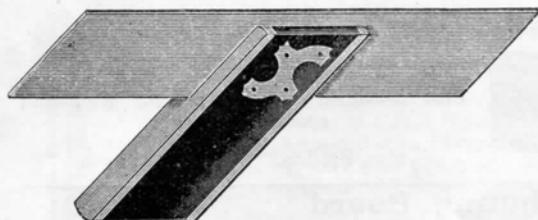
Fig. T1304

### EBONY STOCKS

A very high class tool. Superior Finish.

#### PRICES, each

Size	..	4½	6	7½	9	10½	12 in.
		4/-	4/10	5/7	6/1	7/7	8/6



## Mitre Squares

Fig. T1305

Fig. T1306

Ebony

Rosewood

Double

Diamond

Plated with  
Shield

Plated

A very high class tool.  
Superior Finish

#### PRICES, each

Size	..	10	12	14 in.
------	----	----	----	--------

Ebony .. 8/1 9/5 10/9

Rosewood 5/1 5/10 6/11



## Sliding Bevels

Fig. T1310

Rosewood Stock, Brass Plated,  
Steel Adjusting Screw.  
Blued Steel Blade.

Size	..	7½	9	10½	12 in.
PRICE	..	8/6	8/10	4/4	4/10 each

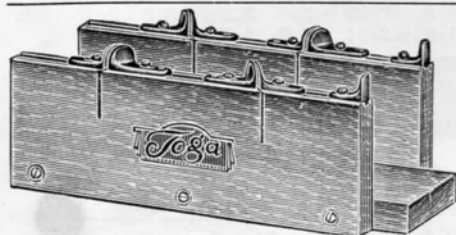
For Improved Sliding Bevel, see below.



## Improved Sliding Bevels Fig. T1311

Rosewood Stock,  
Brass Thumbscrew.  
Blued Steel Blade.

Size	..	6	8	10	12 in.
PRICE	..	2/4	2/9	2/11	3/2 each



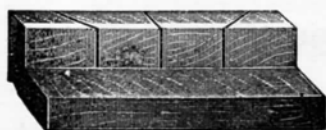
## Adjustable Mitre Box

Fig. T1314

Beechwood. Iron Saw Guides.  
Adjustable to any Gauge of Saw  
For Mouldings up to 4 in. wide

PRICE .. 4/4 each

# TOGA GUARANTEED TOOLS

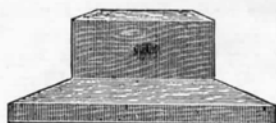


## Mitre Blocks

Fig. T1315

Best seasoned English Beech.

Size	9×3 in.	..	..	1/1 each
„	12×3 in.	..	..	1/4 „



## Mitre Template

Fig. T1316

PRICE 1/4 each



## Mitre Box

Fig. T1317

Best Seasoned English Beech. Well and accurately made.

Size, 9×3 in. PRICE 1/8 each

## Shuting Board

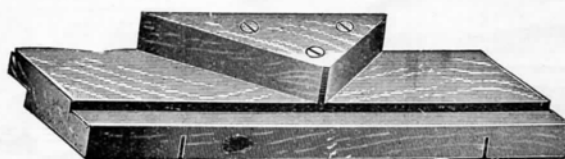


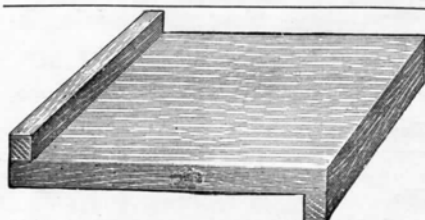
Fig. T1318

Best Seasoned English Beech. Well and accurately made.

Saw Cuts at back.

Equally suitable as a Mitre Block.

Size, 18×6 in., 7/6 each



## Bench Hook

Fig. T1319

Best seasoned English Beech.

Size 10×6× $\frac{5}{8}$  in.

Dowelled Ends.

PRICE 1/11 each

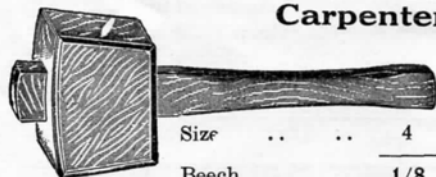
## Carpenters' Wood Mallets

Fig. T1325

Seasoned English Beech and

Lignum Vitæ

Size	..	..	4	4½	5	5½	6	7 in.
Beech	..	..	1/8	1/10	2/-	2/3	2/8	2/10 each
Lignum Vitæ	..	..	3/6	3/11	4/5	5/7	—	— „



## Masons' Mallets

Fig. T1326

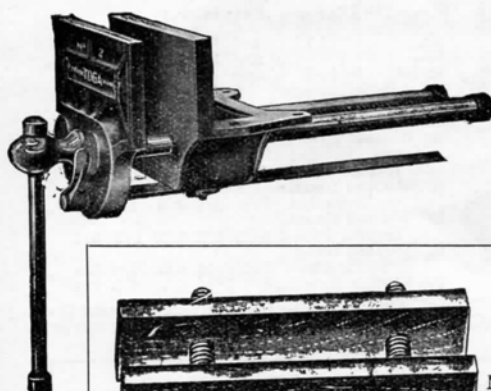
Best seasoned English Beech.

All 4 in. wide.

Size	..	..	5	6	7	8 in.
PRICE	..	..	3/-	5/6	7/-	8/- each



# TOGA GUARANTEED TOOLS



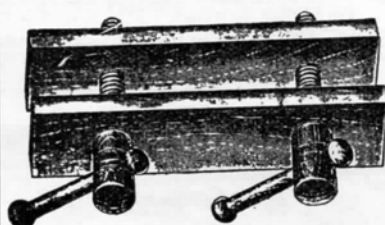
## Woodworkers' Vices

Fig. T1330

Buttress Screw. Quick Action.  
Specially Webbed Front Jaw.

No.	.. 1	2	3
Size of Jaws	7	9	10½ in.
Weight	.. 18	31	36 lb.

Price 21/2 28/10 30/6 each



## Wood Bench Vices

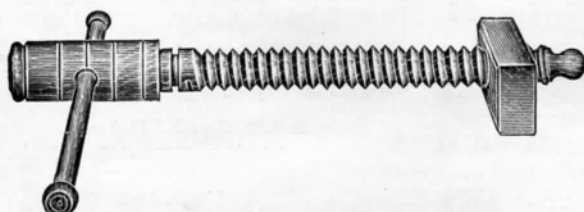
Fig. T1331

Best Beechwood.

Most useful for the Amateur to screw  
to Bench or Table.

Size of Jaws	..	..	12 × 3½ in.
Dia. of Screws	..	..	1 "

PRICE .. .. 2/5 each



## Wood Bench Screws

Best Beechwood.

Fig. T1335

24 in. long × 2½ in. dia.

PRICE 4/10 each



## Hand Screws

Fig. T1340

Beechwood with Hornbeam Screws.

Size	..	8	10	12	14	16 in.
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PRICE .. 2/7 3/- 3/3 3/10 4/4 each

## Carpenters' Draw Knives

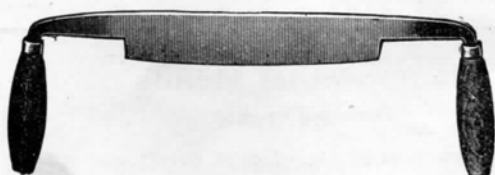


Fig. T1342

Solid Steel Blades

Size	8	9	10	12 in.
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Price 4/7 4/10 5/1 6/2 ea.

# TOGA GUARANTEED TOOLS

## Joiners' Tool Bags

Fig. T1345

Heavy Brown and White Tarpaulin,  
fitted with inside pocket.



No.	..	..	2	3	4	5	6
Size	..	..	27	30	33	36	39 in.
Model.							
A.	4 Brass Eyelets and Sashcord Handles	..	2/9	3/1	3/9	4/4	5/- each
B.	8 Brass Eyelets and Webbed Handle	..	3/1	3/7	4/3	4/10	5/6 "
C.	Webbed Handle (as illustrated)	2/9	3/1	3/9	4/4	5/-	"
D.	Webbed Handle Leather Bottom	3/10	4/2	4/10	5/5	6/1	"
E.	Webbed Handle Two Buckles	3/6	3/10	4/6	5/1	5/9	"
F.	Leather Handles	5/1	5/5	6/1	6/8	7/4	"

All Types, with the exception of Model D can be supplied with Rope all round at an extra charge of 7/8 each.

## Portable Tool Chests

Fig. T1349



These Chests are High Quality.

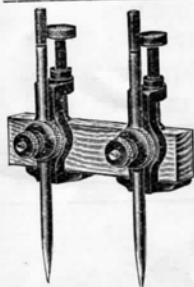
Oak Case, Drawer Fronts and Runners. Yale 4-lever Brass Locks with 200 differs. Drawer Bottoms grooved in. Drawer Sides Box Jointed. Hand Polished all over. Fitted with Leather Handle.

Dimensions

16½ in. × 10½ in. high × 8 in. deep.

Made in 4, 5, 6 and 7 Drawers.

A.	With 4 Drawers	..	..	..	..	..	..	£1 16 0
B.	" 5 "	..	..	..	..	..	..	2 0 0
C.	" 6 "	..	..	..	..	..	..	2 4 0
D.	" 7 "	as illustrated	..	..	..	..	..	2 8 0
E.	" 7 "	" "	but with three shallow top drawers one side to equal two deep drawers other side	..	..	..	..	2 8 0



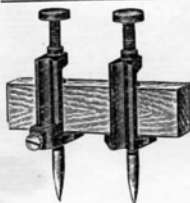
## Trammel Heads

Fig. T1360

Adjustable Steel Points. Size of Bar, 1¼ in. × ⅜ in.

A special feature allows the points to be revolved without removing from head.

PRICE .. 7/6 pair.



## Trammel Heads

Fig. T1361

Fixed Steel Points. Size of Bar 1¼ × ⅜ in.

PRICE .. 3/3 pair

# TOGA GUARANTEED TOOLS

## Bright Wing Compasses

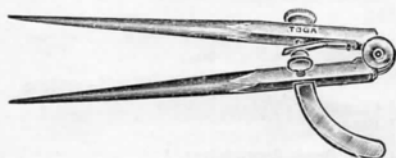


Fig. T1364

With Screw at back with spring for fine adjustment

Size	..	6	7	8 in.
PRICE	..	2/6	2/9	3/- each

## Nail Pullers



Fig. T1370

Jaws of Best Cast Steel.

Size 19½ in. .. PRICE, 9/11 each

## Cast Steel Case Openers

Claw and Chisel Ends



Fig. T1371

Size	..	12 × ¾	14 × ¾ in.
PRICE		2/4	2/7 each

## Case Opener

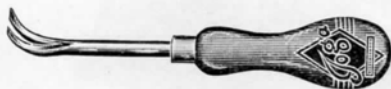
Fig. T1372

Drop Forged. Finished Blue and Bright

½ in. Octagon Steel

Length overall 12 15 in.

PRICE .. 1/3 1/6 each  
also 18 in. × ⅝ Oct. Steel, 2/3 ea.



## Tack Lifter

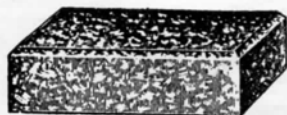
Fig. T1373

Polished Cast Steel Blade. Beech Handle. Brass Ferrule.

PRICE, 7/8 each

## Cork Rubbing Blocks

Fig. T1379



Size	..	4 × 2½ × 1½	4½ × 2½ × 1½ in.
PRICE	..	7/4	7/5 each

# TOGA GUARANTEED TOOLS

## Tool Chest No. 1A

Fig. T1350

A Polished Wood Chest measuring 23×7×3 in.

Containing the following Tools :—

- 1 18-in. 9 Pt. Skew Back Hand Saw.
- 1 No. 0 Warrington Hammer.
- 1 4-in. Carpenter's Mallet.
- 1 2-ft. Boxwood Rule.
- 1 6-in. Pair Pincers.

- 1 Carpenter's Pencil.
- 1 Bradawl.
- 1 Gimlet.
- 1 5-in. Beech Screwdriver.
- 1 1/4-in. Ash Handled Firmer Chisel

PRICE, 17/- Complete

1 Box Assorted Nails.

---

## Tool Chest No. 2

A Polished Wood Chest measuring 23×7×5 in. with Tray  
for Screws and Nails.

Containing the following Tools :—

- 1 18-in. 9 Pt. Skew Back Hand Saw.
- 1 Lock Tooth Pad Saw Handle.
- 1 10-in. Blade for ditto.
- 1 4 1/4-in. Carpenter's Mallet.
- 1 1/4-in. Firmer Chisel, Ash Handle.
- 1 5-in. Beech Handle Screwdriver.
- 1 Bradawl.
- 1 Gimlet.

- 1 Carpenter's Pencil.
- 1 Pair 6-in. Combination Pliers.
- 1 Pair 6-in. Pincers.
- 1 6×14-in. Beechwood Plane.
- 1 No. 1 Warrington Hammer.
- 1 4-in. Steel Square.
- 1 2-ft. four-fold Boxwood Rule.
- 1 Box Assorted Nails.

PRICE, 25/- Complete

---

## Tool Chest No. 3

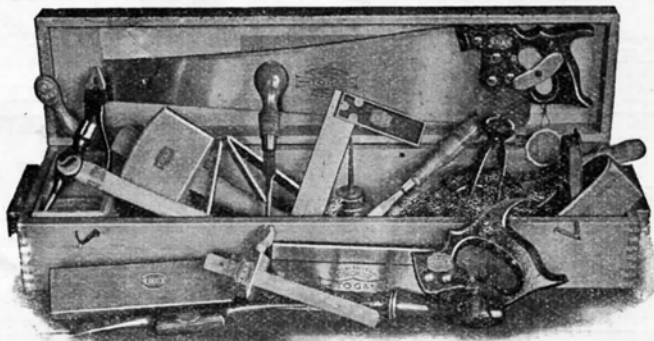
A Polished Wood Chest measuring 28×7×5 in. with Tray  
for Screws and Nails.

Containing the following Tools :—

- 1 22-in. Skew Back Hand Saw.
- 1 8-in. Iron Back Tenon Saw.
- 1 6×14-in. Beechwood Plane.

- 1 Pair 6-in. Combination Pliers.
- 1 Pair 6-in. Pincers.
- 1 6-in. Steel Square.

PRICE, 42/6 Complete



No. 3 Tool Chest.

- 1 Lock Tooth Pad Saw Handle.
- 1 10-in. Blade for ditto.
- 1 4 1/4-in. Beech Mallet.
- 1 1/4-in. Firmer Chisel, Ash Handle
- 1 2-in. Beech Spokeshave.
- 1 5-in. Beech Screwdriver.
- 1 Bradawl.
- 1 Gimlet.
- 1 Carpenter's Pencil.
- 1 No. 2 Warrington Hammer.

- 1 8-in. Half-Round Rasp.
- 1 Handle for ditto.
- 1 Marking Gauge
- 1 1/2-pt. Glue Pot.
- 1 8-in. Oil Stone.
- 1 Oil Can.
- 1 Skarsten Scraper No. 62
- 1 2-ft. four-fold Boxwood Rule.
- 1 Box Assorted Screws.

# TOGA GUARANTEED TOOLS

## Tool Chest No. 4

Fig. T1350

A Polished Wood Chest measuring 30×9×6 in. with Tray for Nails and Screws.

Containing the following Tools :—

- 1 24-in. 7 Pt. Skew Back Hand Saw.
- 1 9-in. Iron Back Tenon Saw.
- 1 Lock Tooth Pad Saw Handle.
- 1 10-in. Blade for ditto.
- 1 2-in. Beech Smooth Plane, Double Iron.
- 1 4½-in. Carpenter's Beech Mallet.
- 1 1-in. Firmer Chisel, Ash Handle.
- 1 1-in. Firmer Chisel, Ash Handle.
- 1 2-in. Beech Spokeshave.
- 1 5-in. Beech Handle Screwdriver.
- 2 Bradawls.
- 2 Gimlets.
- 1 Carpenter's Brace.
- 1 each ½, ¾, 1-in. Centre Bits, New Type.

PRICE, 57/6 Complete

- 1 2-ft. four-fold Boxwood Rule.
- 1 No. 2 Warrington Hammer.
- 1 Pair 6-in. Pincers.
- 1 Pair 6-in. Combination Pliers.
- 1 6-in. Steel Square.
- 1 8-in. Half Round Rasp.
- 1 Handle for ditto.
- 1 Non-Leak Oil Can.
- 1 Skarsten Scraper No. 62.
- 1 Marking Gauge.
- 1 1-Pt. Glue Pot.
- 1 8-in. Oil Stone.
- 1 Carpenter's Pencil.
- 1 Box each Assorted Screws and Nails.

## Tool Cabinet No. 5

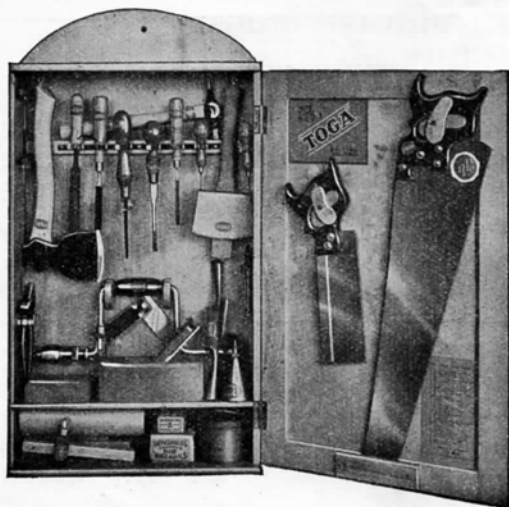
A very useful Wall Cabinet, measuring 30×18×6 in.

Containing the following Tools :—

- 1 24-in. 7 Pt. Skew Back Hand Saw.
- 1 9-in. Iron Back Tenon Saw.
- 1 Lock Tooth Pad Saw Handle.
- 1 10-in. Blade for ditto.
- 1 10-in. Carpenter's Ratchet Brace, N.P.
- 1 1-in. New Type Centre Bit.
- 1 1-in. New Type Centre Bit.

PRICE, 74/6 Complete

- 1 1-in. New Type Centre Bit.
- 1 2-in. Plain Beech Spokeshave.
- 1 2-in. Beech Smooth Plane, Double Iron.
- 1 4½-in. Carpenter's Beech Mallet.
- 1 1-in. Firmer Chisel, Ash Handle.
- 1 1-in. Firmer Chisel, Ash Handle.
- 1 5-in. Beech Screwdriver.



No. 5 Tool Cabinet.

No. 6. Similar to above but Cabinet is fitted with Double Doors, and two Drawers at Bottom.

PRICE, 79/6 Complete

No. 7. Similar to No. 6 but contained in Handsome Oak Cabinet, fitted with superior lock.

PRICE, 105/- Complete.

- 2 Bradawls.
- 2 Gimlets.
- 1 Carpenter's Pencil.
- 1 No. 2 Warrington Hammer.
- 1 6-in. Steel Square.
- 1 Pair 6-in. Pincers.
- 1 Pair 6-in. Combination Pliers.
- 1 8-in. Half Round Rasp.
- 1 Handle for ditto.
- 1 2-ft. four-fold Boxwood Rule.
- 1 Non-Leak Oil Can.
- 1 Skarsten Scraper No. 80.
- 1 Marking Gauge.
- 1 8×2-in. Oil Stone.
- 1 1-Pt. Glue Pot.
- 1 No. 1 Kent Hatchet.
- 1 Box of Screws (Assorted).
- 1 Box of Nails (Assorted).
- 6 Sheets Durex Garnet Paper.
- 1 Cork Rubbing Block.



# TOGA GUARANTEED TOOLS

Fig. T1380

## Putty Knives



Elastic Clipt.  
Brass Ferrule  
Ebony Handle  
Size 4 4½ 5 in.  
1/8 1/9 1/10 ea.

Fig. T1381



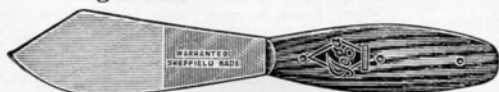
Stiff Spear.  
Brass Ferrule.  
Ebony Handle  
Size 4 4½ 5 in.  
1/8 1/9 1/10 ea.

Fig. T1382



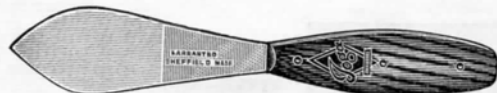
Stiff Chisel  
Brass Ferrule.  
Ebony Handle.  
Size 5 × 1½ 5 × 2 in.  
1/9 2/4 ea.

Fig. T1383



Elastic Clipt. Scale Tang.  
Red Hardwood Handle.  
Size 4½ in., PRICE, 1/1 each.

Fig. T1384



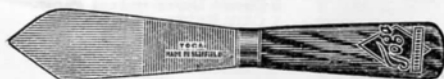
Stiff Spear. Scale Tang.  
Red Hardwood Handle.  
Size 4½ in., PRICE, 1/1 each.

Fig. T1385



Stiff Chisel. Scale Tang.  
Red Hardwood Handle.  
Size 4½ in., PRICE, 1/1 ea.

Fig. T1386



Elastic Clipt. Enclosed Brass  
Ferrule. Cocoa Handle.  
Size .. 4 4½ 5 in.  
1/4 1/4½ 1/5 each

Fig. T1387



Stiff Chisel. Enclosed Brass  
Ferrule. Cocoa Handle.  
Size .. .. 5 × 1½ in.  
1/4 each

# TOGA GUARANTEED TOOLS

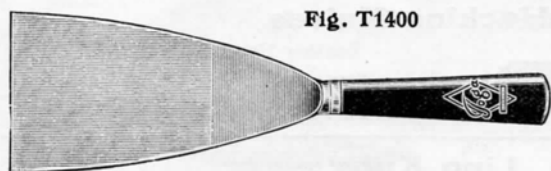


Fig. T1400

## Paint Scrapers

Ebony Handle, Oval  
Bolster.

Blade Correctly  
Tempered.

Size .. .. .	5 × 2	5 × 2½	5 × 3	6 × 3	6 × 4 in.
PRICE .. .. .	2/1	2/4	2/8	3/3	4/- each

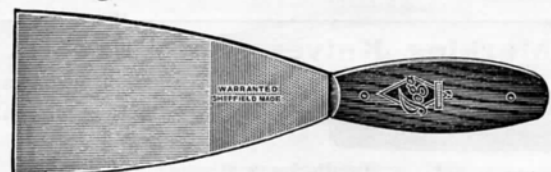


Fig. T1401

## Paint Scrapers

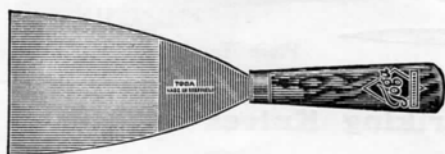
Scale Tanged.

Red Hardwood Handles.

Size ..	5 × 2	5 × 2½	5 × 3 in.
PRICE	1/4	1/5	1/9 ea.

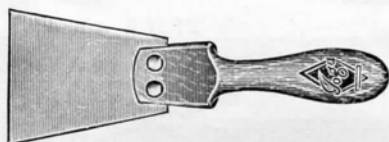
Fig. T1402

## Paint Scrapers



Enclosed Brass Ferrule.  
Cocoa Handle

Sizes	5 × 1½	5 × 2	5 × 2½	5 × 3 in.
PRICE	1/5	1/8	2/-	2/3 ea.



## Wall Scrapers

Fig. T1405 Beechwood Handle  
Held securely by screws.

Size ..	3	3½	4 in.
PRICE ..	7/7	7/7½	7/8 each

Fig. T1410

## Palette Knives

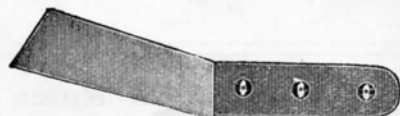


Scale Tang. Cocoa Handle.

Size	6	7	8	9 in.
PRICE	1/10	2/3	2/6	3/1 each

Fig. T1411

## Chipping Knives



Leather Handle. 3 Rivets.

Size ..	4½ in.
PRICE ..	2/1 each

Fig. T1412

## Shoe Knives



Beechwood Handle. Securely Riveted.

Size ..	4	4½ in.
PRICE	7/5½	7/6½ each

# TOGA GUARANTEED TOOLS

Fig. T1413

## Hacking Knives



Leather Handle. 3 Rivets.

Size .. .. 4 in.

PRICE .. 1/1 each

Fig. T1414

## Lino Knives



Beechwood Handle. Securely Riveted

Size .. 3 4 in.

PRICE .. 1/1 1/2 each

## Marking Knives

Fig. T1415



Polished Hardwood Handles.

Size 6 in. PRICE 7/11 each.

Blade is securely held in Handle by 3 Rivets.

## Joiners' Striking Knives

Fig. T1416



Plain Handles. PRICE 7/3 1/2 ea.

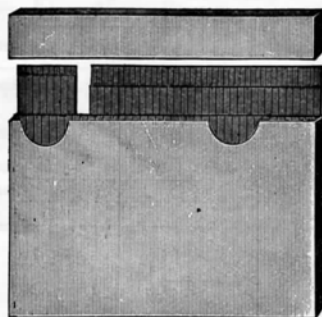
## Joiners' Striking Knives

Fig. T1417



Knurled Handles.

PRICE 7/8 each



## Graining Combs

Fig. T1420

Best Quality Tempered Blue Steel Combs  
in Metal Case.

### PRICE

Set of 12 Assorted

4/- set



## Plasterers' Joint Rules

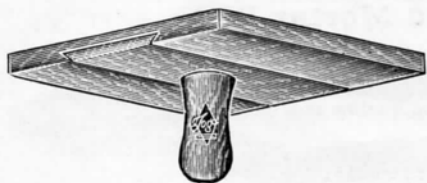
Fig. T1425

Superior Quality. Cast Steel

Size 3 4 5 6 8 10 12 14 in.

Price 1/- 1/- 1/2 1/5 1/10 2/4 2/9 3/2 ea.

# TOGA GUARANTEED TOOLS



## Plasterers' Hawks

Fig. T1426

Made from Selected Mild Yellow Pine.

Size, 12 in.  $\times$  12 in.

PRICE, 5/- each



## Cross Grain Floats

Fig. T1427

Made from Selected Mild Yellow Pine.

Complete with Face and Slide

Size, 11 in.  $\times$  5 in. PRICE, 3/-

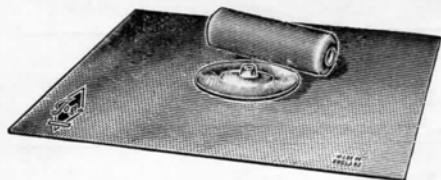


## Skimmer Floats

Fig. T1428

Made from Selected Yellow Pine.

Size, 12½ in.  $\times$  4¾ in. PRICE, 2/1 ea.



## Aluminium Hawks

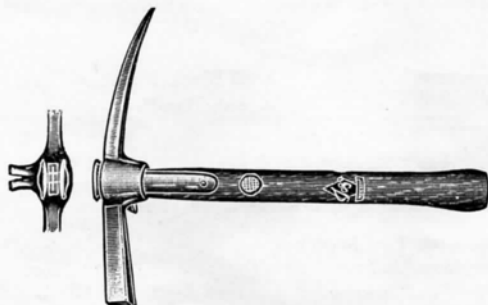
Fig. T1429

Made from Hard Rolled Aluminium.

Detachable Handle.

Size 12½ in.  $\times$  12½ in.

PRICE, 8/- each



## Slaters' Hammer

Fig. T1430

With Claw and Straps.

Best Quality Ash Handles.

The Patent Strapping arrangement ensures the Handle being held rigidly in the Head.

Black Finish.

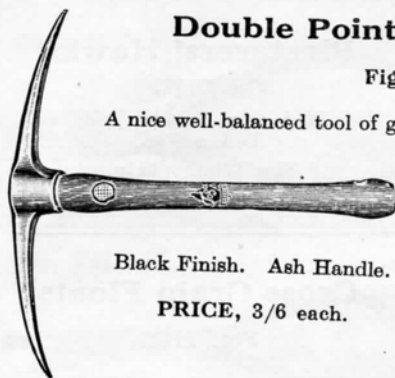
PRICE, 5/6 each.

# TOGA GUARANTEED TOOLS

## Double Pointed Mortar Pick

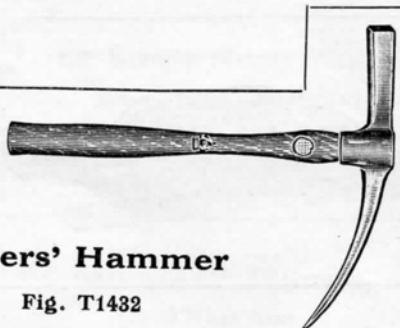
Fig. T1431

A nice well-balanced tool of good quality at a moderate price.



Black Finish. Ash Handle.

PRICE, 3/6 each.



## Slaters' Hammer

Fig. T1432

Devon Pattern.

Black Finish. Ash Handles.

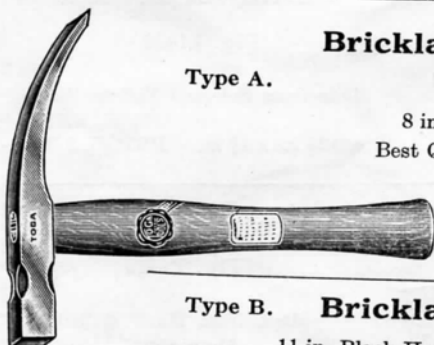
PRICE, 3/- each.

## Bricklayers' Hammer

Fig. T1433

8 in. all Bright Head  
Best Quality Ash Handle.

PRICE, 3/6 each.



Type A.

## Bricklayers' Hammer

11 in. Black Head, Bright Ends, Ash Handle.  
PRICE, 3/6 each.

Type B.

## Masons' Brick Hammers

With Replaceable Scutching Points

Fig. T1434



Dull Black Finish.  
Ash Handles.

Milled Slots at each end into which are inserted  
replaceable Scutches either toothed or chisel edge.

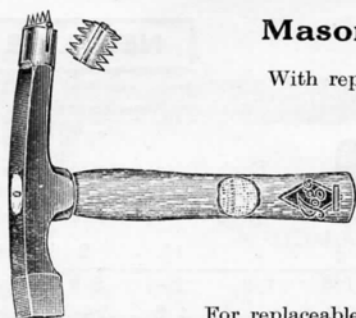
PRICE, complete with Two Scutches	..	..	4/- each
„ Extra replaceable Scutches. Toothed	..	..	1/- doz.
„ „ „ „ Chisel Edge			7/8 „

# TOGA GUARANTEED TOOLS

## Masons' Brick Hammers

With replaceable Scutching Points one end

Fig. T1435



**NEW LINE**

Dull Black Finish.

Ash Handles

PRICE, 4/6 each.

For replaceable Scutches, see previous page, Fig. T1434.

## Wall Drills

Fig. T1440. Star Type.



Size .. .. .	$8 \times \frac{3}{8}$	$9 \times \frac{1}{2}$	$10 \times \frac{5}{8}$	$11 \times \frac{3}{4}$	$12 \times \frac{7}{8}$ in.
PRICE .. .. .	1/4	1/6	1/8	2/-	2/6 each

## Wall Drills Fig. T1441

Star Type. Fluted whole length.



Size ..	$8 \times \frac{3}{8}$	$9 \times \frac{1}{2}$	$10 \times \frac{5}{8}$	$10 \times \frac{3}{4}$	$12 \times \frac{7}{8}$ in.
PRICE ..	1/1	1/2	1/5	1/7	2/3 each

## Wall Drills Fig. T1442

Flat Diamond Point.



Size ..	$8 \times \frac{1}{2}$	$10 \times \frac{5}{8}$	$12 \times \frac{3}{4}$	$18 \times \frac{5}{8}$	$24 \times \frac{3}{4}$ in.
PRICE ..	1/2	1/3	1/6	2/-	2/4 each

## Wall Drills

Fig. T1443

Lightning Pattern.



Size ..	$9 \times \frac{1}{2}$	$9 \times \frac{1}{2}$	$10 \times \frac{5}{8}$	$10 \times \frac{1}{2}$	$10 \times \frac{7}{8}$	$10 \times 1$	$12 \times \frac{7}{8}$	$12 \times 1$ in.
PRICE ..	1/5	1/8	2/-	2/5	2/8	3/2	2/9	3/5 each

## Grooved Plugging Chisel

Fig. T1449

Best Cast Steel  
Correctly Tempered

**NEW LINE**



Size	$10 \times \frac{5}{8} \times \frac{3}{16}$	$10 \times \frac{5}{8} \times \frac{1}{2}$ in.
PRICE	1/6	1/6 each

## Plugging Chisels

Fig. T1450

Best Cast Steel.

Correctly Tempered.

Assorted Points,  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{2}$  in.



Size .. .. .	$9 \times \frac{1}{2}$	$10 \times \frac{5}{8}$	$12 \times \frac{3}{4}$ in.
PRICE .. .. .	1/3	1/5	2/1 each

# TOGA GUARANTEED TOOLS

## Masons' Chisel

with replaceable Scutches.

**NEW LINE**



Fig. T1451

Each Chisel supplied with one Scutch.

Size	..	..	..	..	$\frac{1}{2}$	1	$1\frac{1}{2}$	2	in. wide
PRICE complete	..	..	..	..	1/6	1/9	2/-	2/9	each
Extra Scutches	..	..	..	..	-/9	1/-	1/6	2/-	doz.



## Brick Bolsters

Fig. T1453

Size	..	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	5	in.
PRICE		2/6	2/6	2/7	3/-	3/1	each

## Bricklayers' Line Pins

Improved Spear Head Type



Fig. T1455

Black. PRICE 7/9 per pair.  
Bright. .. 1/- ..

## Chalk Lines Fig. T1459

PRICE 7/3 per knot.  
.. 1/2 per ball (60 yards)  
.. 7/6 .. (26 .. )

## Line Reels Fig. T1460

Best Quality Beechwood.

PRICE, Long, 7/7, Short, 7/6 each.  
.. Aluminium, 7/7 $\frac{1}{2}$  each

Fig. T1500 Fig. T1501



Small sizes, Boxwood.

## Turnpins and Bobbins

Turned True to Size.

Size	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	in.
PRICE	7/3	7/3 $\frac{1}{2}$	7/5 $\frac{1}{2}$	7/6 $\frac{1}{2}$	7/8 $\frac{1}{2}$	7/9 $\frac{1}{2}$	7/9 $\frac{1}{2}$	1/5	2/2	2/10	ea.

Large sizes, Lignum Vitæ.

## Plumbers' Mandrels

Fig. T1502



Size  $5\frac{1}{2} \times 1$   $6 \times 1\frac{1}{2}$   $7 \times 1\frac{1}{2}$   $8 \times 2$   $10 \times 2\frac{1}{2}$   $12 \times 3$  in.

PRICE 7/9 7/11 1/3 1/9 4/3 5/3 each

Small sizes, Boxwood. Large sizes, Lignum Vitæ.

## Reducing Mandrels

Fig. T1503

Lignum Vitæ



Size .. 2 to  $1\frac{1}{2}$   $2\frac{1}{2}$  to 2 3 to  $2\frac{1}{2}$  in.

PRICE 5/3 6/4 9/6 each



# TOGA GUARANTEED TOOLS

## Chase Wedges



Fig. T1504, Ferruled top. Fig. T1505. No Ferrule.

Size .. .. 2 2½ 3 3½ 4 in.

PRICE, either type 1/1 1/3 1/5 2/2 2/4 each

Genuine Boxwood.



## Duck's Foot Wedge

Fig. T1506

Size .. .. 2 2½ 3 3½ 4 in.

PRICE .. 1/1 1/3 1/5 2/2 2/4 each

Genuine Boxwood.

## Dressers or Lead Beaters



Fig. T1507

Genuine Boxwood

Extra Heavy.

No. .. 1½ 2 3 4 5

Weight .. 12 16 22 26 38 oz.

Size .. 7 × 1½ 7 × 2 7½ × 2½ 8 × 2½ 8½ × 2½ in.

PRICE .. 2/8 3/2 3/8 4/3 5/3 each

Can also be supplied in  
Beech or Hornbeam.

Fig. T1508

## Plumbers' Bending Sticks



Genuine Boxwood.

Medium Size, 13 in. long overall.

PRICE, 3/- each.

Fig. T1509

## Plumbers' Setting-in Sticks



Genuine Boxwood.

Small	Medium	Large
2/10	3/-	3/2 each

Fig. T1511. Double-ended, without Handle, 3/- each.

Fig. T1510

## Plumbers' Bossing Sticks



Genuine Boxwood.

Medium Size. 13 in. long overall.

PRICE, 3/- each.

## Pipe Benders

Fig. T1525

A. Best Quality Round Section  
Spring, Black Japanned.

B. Square Section Spring self  
colour.



Diameter	..	..	½	¾	1	1¼	1½	2 in.
A. Round	..	..	1/11	2/3	2/7	2/10	3/8	5/6 each
B. Square	..	..	3/-	3/8	4/-	4/8	5/6	7/6 „

# TOGA GUARANTEED TOOLS

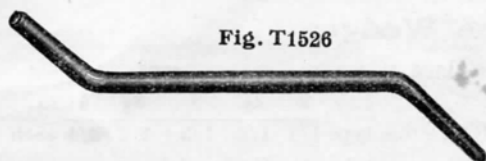


Fig. T1526

## Bending Bolts

Best Quality Round Steel.

Size

$9 \times \frac{9}{16}$	$12 \times \frac{9}{16}$	$14 \times \frac{9}{16}$	$16 \times \frac{9}{16}$	in.
7/10	1/-	1/3	1/5	each

Fig. T1530



## Plumbers' Dummies

Malacca Cane Handles

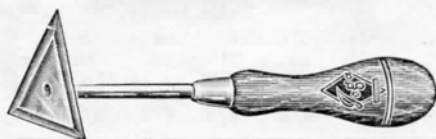
Up to .. 18 24 36 in.

PRICE .. 3/- 3/6 4/- each.

## Fig. T1535 Octagon Steel Fixing Points



Size ..	$12 \times \frac{3}{8}$	$14 \times \frac{3}{8}$	$16 \times \frac{3}{8}$	$18 \times \frac{3}{8}$	in.
PRICE ..	7/8	7/8	7/8	7/9	each



## Shave Hooks Fig. T1543

Triangle Shape.  
Polished Beech Handles.

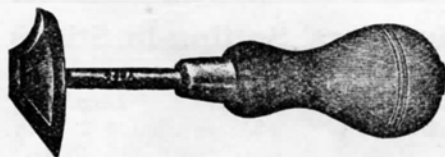
PRICE 1/1 each.



## Shave Hooks Fig. T1544

Heart Shape.  
Polished Beech Handles.

PRICE 1/1 each.



## Combination Shave Hooks

Fig. T1545

Heart and Triangle Combined.

PRICE 1/3 each.



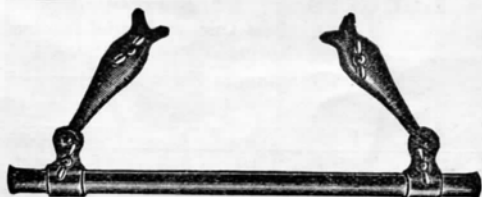
## Lead Pipe Jointer

Fig. T1550

Made of Steel with Taper  
Internal and External Cutting  
Edges.

For  $\frac{1}{4}$ — $\frac{3}{4}$  in. pipe,  
A A show pipe ends ready  
pared for uniting.

PRICE, 2/6 each.



## Pipe Jointing Clamps Fig. T1551.

For holding pipes in position  
for wiping.

For Pipes,  $\frac{1}{4}$ — $2\frac{1}{2}$  in.

PRICE, 7/6 each

# TOGA GUARANTEED TOOLS



## Branch Pipe Openers

Fig. T1560

Polished Beech Handles.

Size	..	$\frac{3}{4}$	1	$1\frac{1}{4}$	in.
PRICE	..	1/6	1/10	2/2	each

Can also be supplied Plain Nose.

Size	..	$\frac{3}{4}$	1	$1\frac{1}{4}$	in.
PRICE	..	1/5	1/9	2/1	each

## Bossing Mallets

Fig. T1565

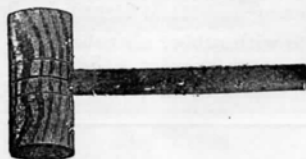
Best Quality Boxwood or Lignum Vitæ.  
Malacca Cane Handles.



Size	..	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	in.
PRICE	..	1/1	1/2	1/4	1/8	1/10	2/7	2/9	each

## Plumbers' or Tinmen's Mallets Fig. T1566

Best Quality Boxwood or Lignum Vitæ.  
Ash Handles.



Size ..	..	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	in.
PRICE	..	1/3	1/7	1/9	2/6	2/8	each

Malacca Cane Handles also supplied. Prices on Application.

## Plumbers' Wipers

Fig. T1570

Best Quality Brown Moleskin.  
Six Folds over Oiled Board.



Size	$2\frac{1}{2} \times 1\frac{1}{2}$	$3 \times 2\frac{1}{2}$	$4 \times 3$	$5 \times 4$	in.
PRICE	7/4 $\frac{1}{2}$	7/6	7/8	7/11 $\frac{1}{2}$	each

Moleskin Cloth. Fig. T1571

Super Quality. Brown or White.  
30 in. wide, 5/6 yard.

## Plumbers' Tool Bags

Fig. T1575

Made of Best Brown Canvas.

Rope Handles.

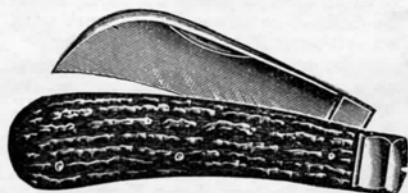
Size	..	..	16 x 18	18 x 18	18 x 20	in.
PRICE	..	..	2/8	2/11	3/2	each

## Plumbers' Knives

Fig. T1577

Imitation Stag Handle

PRICE, 2/9 each.



# TOGA GUARANTEED TOOLS



## Plumbers' Lead Knives

Fig. T1578

PRICE, 2/6 each

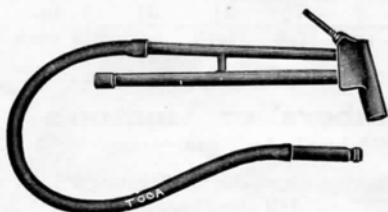


## Copper Soil Pots

Fig. T1580

Made in one piece without joint.

PRICE, 2/9 each



## Gas Blowpipe

Fig. T1589

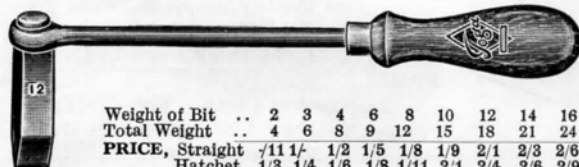
For Soldering, Brazing, Tool Hardening and Metal Melting.

Complete with rubber air tube 3/- each  
Without rubber air tube 2/6 „

Fig. T1590 Straight Pattern.



Fig. T1591 Hatchet Pattern.



## Soldering Irons

Copper Bits are made from Best Electrolytic Copper of Guaranteed Purity 99.9 per cent. Copper.

Fitted with Hardwood Polished Ferruled Handles

Weight of Copper Bit Stamped on each Bit.

Weight of Bit ..	2	3	4	6	8	10	12	14	16	18	20	24	28	32 oz.
Total Weight ..	4	6	8	9	12	15	18	21	24	27	30	36	42	48 „
PRICE, Straight	1/11	1/-	1/2	1/5	1/8	1/9	2/1	2/3	2/6	2/10	3/-	3/4	3/8	4/6 ea.
„ Hatchet	1/3	1/4	1/6	1/8	1/11	2/1	2/4	2/6	2/9	3/1	3/6	4/-	4/4	5/8 „

## Methylated Spirit Lamp and Blowpipe

Fig. T1595

Most useful for Gas Fitters, Plumbers, etc. Fitted with India-rubber tube and mouthpiece enabling it to be used in places where it would be difficult or impossible to work with an ordinary Blowpipe.

By unscrewing top it can be used as a torch. Adjusted to any height by means of the Slide.

PRICE

- A. Single Screw Top, Small .. 3/- ea.
- B. „ „ „ Large .. 4/- „
- C. Double Screw Top .. 5/- „
- D. New Pattern, Long Neck 6/- „



# TOGA GUARANTEED TOOLS

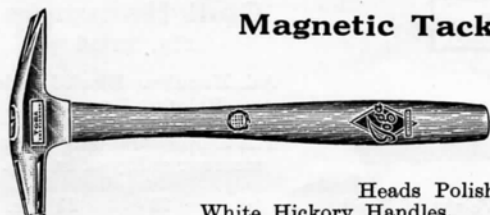


**Lead Hammers** Fig. T1602

Hickory Handle firmly wedged into Head.

Weight .. 1½ 3 lb.

PRICE .. 1/8 2/6 each



**Magnetic Tack Hammer**

Fig. T1603

PRICE 6/1 each.

Made from Special Drop-Forged Steel to retain Magnetism.

Heads Polished Bright. Single Face and Claw.  
White Hickory Handles.



**Ball Pein Hammers** Fig. T1604

Cast Steel. Black Head.

Polished Faces

Best Quality Ash Handles.

Weight 2 4 6 8 10 12 oz. 1 1½ 1½ 1½ 2 lb.

Price 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/7 1/9 2/1 2/4 each

Cross Pein supplied at same Price. Straight Pein Prices on application.

<b>Ball Pein Hammer Heads</b> Fig. T1605											
Weight	4	6	8	10	12 oz.	1	1½	1½	1½	2	3 lb.
Price	7/11	7/11	7/11	7/11	7/11	7/11	1/2	1/5	1/7	1/10	2/9 each

**Ball Pein Pin Hammers**



Fig. T1606 Ash Handles.

Weight, 2 oz.\* .. PRICE 1/6 each

„ 4 „ .. „ 1/6 „

\* Specially suitable for Aircraft Work.

**Cross Pein Pin Hammers**

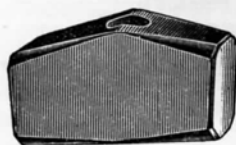


Fig. T1607 Ash Handles.

Weight, 2 oz.\* .. PRICE 1/6 each

„ 4 „ .. „ 1/6 „

\* Specially suitable for Aircraft Work.



**Club Hammers** Fig. T1608

		2	2½	3	3½	4	4½ lb.
Head only ..	1/10	2/3	2/5	2/10	3/3	3/8	
Complete with Ash Handle	2/3	2/9	3/-	3/5	3/10	4/5	„
Extra Ash Handles 7/3 each							

# TOGA GUARANTEED TOOLS

## Doming Hammers

Fig. T1609



PRICE .. Head only, 4/5 each  
 „ With Ash Handle, 5/ „

## NEW LINE



## Coal Hammers

Fig. T1610

Ash Handles. Black Heads.  
 Holdfast Langets.

The unique strapping device  
 ensures rigidity of handle.

Weight of Head ..	16	20	24 oz.
No. .. ..	0	1	2
PRICE .. ..	2/7	2/8	2/11 ea.

## Engineers' Hammer Handles

Fig. T1620



		Price per doz.										Sledge 36 in.		
		10	12	14	16	18	20	22	24	30		Small Eye Large Eye		
Ash	..	—	7/2	7/2½	7/3	7/3	7/4	—	7/5	7/9		1/2	—	ea.
Hickory	..	7/2½	7/3	7/4	7/4½	7/5	7/5½	7/6	7/7½	7/10		1/2	1/3	„

Fig. T1696



## Heavy Electricians' Pliers

SUPER QUALITY

Moulded Insulation Material  
 is Non-inflammable and Un-  
 breakable and will withstand  
 5000 volts.

Size .. 6 7 8 in.  
 PRICE 3/9 4/2 5/ „

Fig. T1700

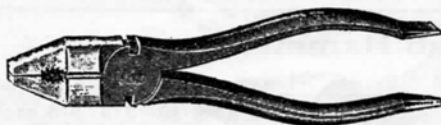


Fig. T1701. Gun Finish. ..

## Heavy Combination Pliers

SUPER QUALITY

Oil Black Finish. Bright Jaws

Size ..	6	7	8 in.
PRICE	1/9	2/2	2/8 each
Size ..	6	7	8 in.
PRICE	2/3	2/9	3/4 each

# TOGA GUARANTEED TOOLS

Fig. T1702



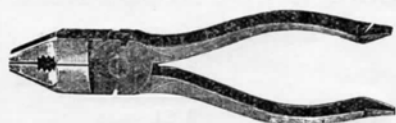
## Heavy Combination Pliers

### SUPER QUALITY

With Insulated Handles.  
Red Rubber Sheaths, tested up to  
12,000 volts

Size ..	6	7	8 in.
PRICE	3/4	3/11	4/8 each

Fig. T1703



## Combination Pliers

Standard Quality.  
Fine Black Finish. Bright Jaws.

Size ..	6	7	8 in.
PRICE	1/3	1/7	1/10 each

Fig. T1704. Taper Nose ..

Size ..	6	7	8 in.
PRICE	1/4	1/9	2/3 each

Fig. T1705



## Combination Pliers

Insulated.  
Standard Quality  
Black Vulcanite Insulation.

Size ..	5	6	7	8 in.
PRICE	1/6	1/8	2/1	2/7 each

Fig. T1706



## Heavy Electricians' Pliers

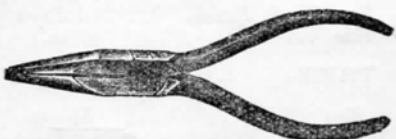
### SUPER QUALITY

Polished Jaws. Burner Hole.

Size ..	5	6	7	8 in.
PRICE	1/6	1/9	2/1	2/5 each
Size ..	6	7	8 in.	
PRICE	2/3	2/8	3/4	each

Fig. T1707. Insulated. ..

Fig. T1708



## Radio Pliers

Black Finish. Bright Jaws.

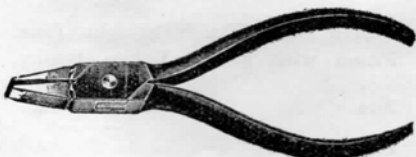
Size ..	5	5 1/2 in.
PRICE	1/1	1/4 each

Fig. T1709

### Insulated

Size ..	5	5 1/2 in.
PRICE	1/6	1/9 each

Fig. T1710



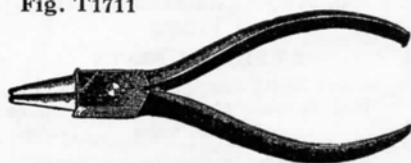
## Flat Nose Pliers

Standard Quality.  
Black Finish. Bright Jaws.

Size ..	5	6 in.
PRICE ..	1/2	1/4 each

# TOGA GUARANTEED TOOLS

Fig. T1711



## Round Nose Pliers

Standard Quality

Black Finish. Bright Jaws.

Size	..	5	6	in.
PRICE	..	1/2	1/5	each

Fig. T1712



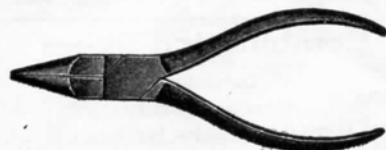
## Long Snipe Nose Pliers

Black Finish. Bright Jaws

Size .. 8 in. o/a x 4 in. Jaws

PRICE .. 2/11 each

Fig. T1713



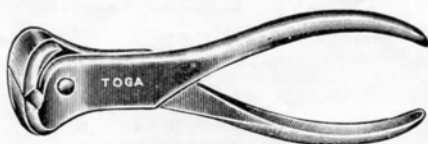
## Milliners' Pliers

Round Taper Nose

All Bright Finish.

Size	..	..	4 1/2	in.
PRICE	..	..	1/9	each

Fig. T1714



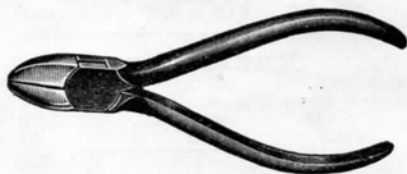
## Top Cutting Nippers

SUPER QUALITY

Black Finish. Polished Jaws.  
For Hard Steel Wire (not Music Wire).

Size	..	..	6	in.
PRICE	..	..	3/-	each

Fig. T1715



## Diagonal Cutting Nippers

SUPER QUALITY

Fine Black Finish. Polished Jaws

Size .. 5 1/2 in.

PRICE .. 2/8 each

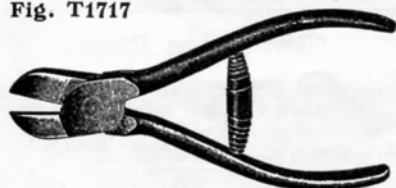
Fig. T1716. Gun Finish.

..

Size .. 5 1/2 in.

PRICE .. 3/2 each

Fig. T1717



## Netting Nippers

Fine Black Finish. Bright Jaws.  
Fitted with strong Volute Spring.

Size	..	..	5 1/2	in.
PRICE	..	..	2/-	each



# TOGA GUARANTEED TOOLS

## Scotch Gas Pliers

Fig. T1718

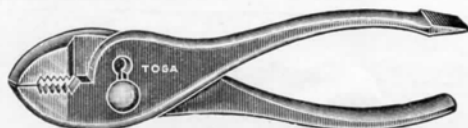


Burner Hole.

Turnscrew and Rimer Ends to Handles.

Size	..	6	7	8	in.
PRICE	..	1/8	2/-	2/4	each

Fig. T1719

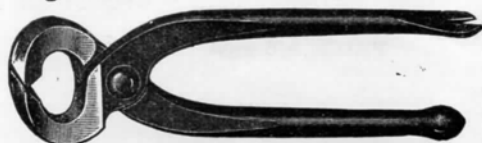


## Slip Joint Pliers

Fine Black Finish. Bright Jaws.

Size	..	..	6 1/2	in.
PRICE	..	..	2/-	each

Fig. T1720



## Tower Pincers

Black Finish. Bright Jaws.  
Ball and Claw ends to Handles.

Size	6	7	8	in.
PRICE	1/3	1/7	2/2	each

Fig. T1721



## Shouldered Pincers

All Bright Finish.  
Ball and Claw ends to Handles.

Size	6	7	8	in.
PRICE	1/10	2/3	2/10	each

Fig. T1722



## Combination Pliers

Heavy Insulated. Shouldered.  
Knurled Handles

Size	6	7	8	in.
PRICE	2/7	3/-	3/8	each

Fig. T1723



## Combination Pliers

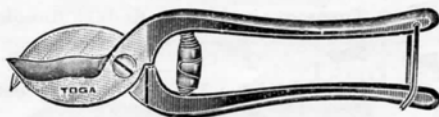
Heavy. Flat Nose. Fine  
Black Finish

Size	..	..	10	in.
PRICE	..	..	3/6	each

# TOGA GUARANTEED TOOLS

## Secateurs

Fig. T1735



Solid Forged Steel.

Volute Spring. Black Finish.

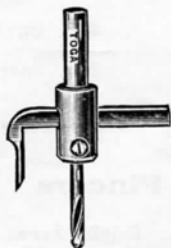
Bright Blades.

Size .. 7 8 in.

PRICE 3/- 3/3 each

## No. 1. Tank Cutter

Fig. T1740



Capacity 3 in.

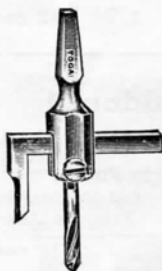
Shank  $\frac{5}{16}$  in. diam.

A miniature tool, light yet sturdy in construction. The body of the tool has been grooved to allow adjustment of the Cutter to Bore as small as  $\frac{3}{4}$  in. diam.

PRICE 2/6 each

## No. 2. Tank Cutter

Fig. T1741



Capacity 4 in.

Bit Stock Shank.

Similar in design and construction to No. 1, but larger. The body of this tool has been grooved to allow adjustment of the cutter to bore as small as 1 in. diam.

PRICE 3/7 each

## Nos. 4 and 5. Tank Cutters

Fig. T1742

New Style

Made from Best Quality Solid Wrought Steel.



No. 4. B.S. Capacity 3 in., with Bit Stock Shank 4/9 each

No. 4. S.S. Capacity 3 in., with Straight Round  
Shank .. .. . 6/1 "

No. 5. B.S. Capacity 8 in., with Bit Stock Shank,  
Two Cutters, one for Wood Fibre, etc., one for  
Metal .. .. . 5/10 "

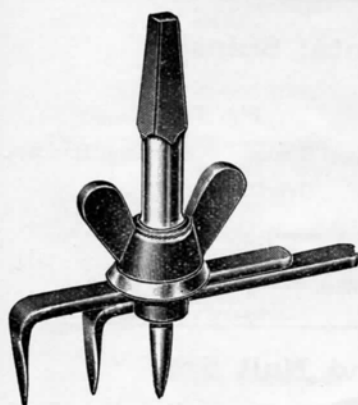
Extra Cutters, 1/5 each. Extra Drills, 7/7 each.

# TOGA GUARANTEED TOOLS

## Washer Cutters

New Style.

Fig. T1750



No. 1. Capacity  $5\frac{1}{2}$  in., with  
Bit Stock Shank .. 3/10 each

No. 2. Capacity 10 in., with  
Bit Stock Shank .. 7/5 "

## Double Washer Cutter

Fig. T1751

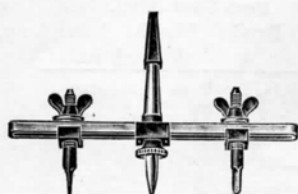
No. 3

New Style

Capacity, 12 in. diam.

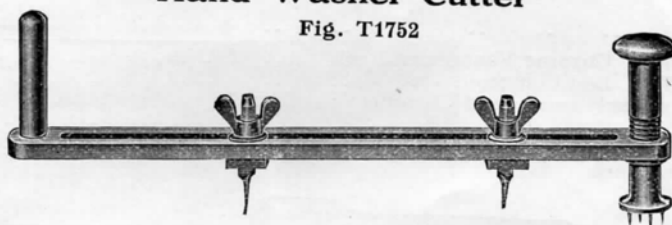
Can be adjusted for depth of cut as well  
as size of circle.

PRICE .. 9/4 each



## Hand Washer Cutter

Fig. T1752



Specially designed for use by hand.

Will Cut Washers and Gaskets from 2-24 in. diameter, also thin Sheet Metal Packings  
Leather, Fibre, Rubber, etc.

PRICE, 27/6 each

## Tinmen's Snips

Straight. Fig. T 1760

Best Sheffield Make.



Size	..	..	6	7	8	9	10	12	14	in.
PRICE	..	..	1/10	2/1	2/2	2/9	3/1	4/3	6/5	each

Bent. Fig. T1761



Size	..	..	6	7	8	9	10	12	in.
PRICE	..	..	2/9	2/11	3/1	3/4	4/1	5/10	each

# TOGA GUARANTEED TOOLS

## Jewellers' or Dental Snips



Fig. T1762

Cast Steel Blades. Jappedan Handles.  
Overall Length, 7 in.

Straight.  
Without Spring .. .. 2/9 each  
With " .. .. 3/1 "

Bent.  
Without Spring .. .. 3/1 each  
With " .. .. 3/4 "

## Centre Punches and Nail Sets

Centre Punch



Fig. T1766 Chrome Vanadium Steel.

" T1770 Best Cast Steel.

Knurled. Bright Finish. 4 in. long.

Sizes .. .. .  $\frac{1}{8}$   $\frac{5}{32}$   $\frac{3}{16}$   $\frac{1}{4}$  in.

Fig. T1766 Chrome Vanadium Steel .. PRICE, 7/9 each, all sizes

" T1770 Best Cast Steel .. .. " 7/6 1/2 " " "

We strongly recommend Chrome Vanadium for lasting service.

Nail Sets



Fig. T1767 Chrome Vanadium Steel.

" T1771 Best Cast Steel  
as above.

Sizes .. .. .  $\frac{1}{16}$   $\frac{3}{32}$   $\frac{1}{8}$   $\frac{5}{32}$  in.

Fig. T1767 Chrome Vanadium Steel .. PRICE, 7/9 each, all sizes.

" T1771 Best Cast Steel .. .. " 7/6 " " "

We strongly recommend Chrome Vanadium for lasting service.

Centre Punch. Fig. T1772 Best Cast Steel

SQUARE TYPE



$\frac{1}{8}$   $\frac{5}{32}$   $\frac{3}{16}$   $\frac{1}{4}$  in.  
PRICE .. 7/6 1/2 each all sizes

Nail Set. Fig. T1773 Best Cast Steel.



$\frac{1}{16}$   $\frac{3}{32}$   $\frac{1}{8}$   $\frac{5}{32}$  in.  
PRICE .. 7/6 1/2 each all sizes

## Motor or Reaper

Punch Fig. T1776



Best Cast Steel

Size ..  $5 \times \frac{3}{8} \times \frac{1}{8}$   $6 \times \frac{1}{2} \times \frac{3}{16}$  in.

PRICE 7/7 7/8 each

## Corrugated Iron Punch

Fig. T1777



Best Cast Steel. Correctly Tempered.

Size  $7 \times \frac{5}{8}$  in. PRICE .. 7/10 each

# TOGA GUARANTEED TOOLS

## Corrugated Iron Chisel

Fig. T1778



Best Cast Steel. Correctly Tempered.

Size  $7 \times \frac{5}{8}$  in. PRICE .. 7/10 each

## Boiler Rivet Drift

Fig. T1789



Size  $\frac{3}{8}$   $\frac{1}{2}$   $\frac{5}{8}$   $\frac{3}{4}$   $\frac{7}{8}$  1 in.

PRICE 7/11 1/1 1/1 1/3 1/5 1/6 ea.



## Cold Chisels

No. T1790

Flat, Diamond, Cross Cut and Half Round same price.

Size of Steel in.	Length, in.												
	4	5	6	7	8	9	10	12	14	16	18	24	
$\frac{1}{4}$	$\frac{7}{4}$	—	—	—	—	—	—	—	—	—	—	—	
$\frac{3}{8}$	$\frac{7}{4}$	$\frac{7}{4}$	—	—	—	—	—	—	—	—	—	—	
$\frac{1}{2}$	$\frac{7}{4}$	$\frac{7}{4}$	$\frac{7}{4}\frac{1}{2}$	—	—	—	—	—	—	—	—	—	
$\frac{5}{8}$	—	$\frac{7}{5}$	$\frac{7}{6}$	—	—	—	—	—	—	—	—	—	
$\frac{3}{4}$	—	$\frac{7}{5}$	$\frac{7}{6}$	$\frac{7}{7}$	$\frac{7}{7}$	—	—	$\frac{7}{9}$	$\frac{7}{9}$	$\frac{7}{10}$	$\frac{7}{10}$	—	
$\frac{7}{8}$	—	—	$\frac{7}{8}$	$\frac{7}{9}$	$\frac{7}{9}$	$\frac{7}{10}$	$\frac{7}{10}$	$\frac{7}{11}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{2}$	—	
1	—	—	—	$\frac{7}{11}$	$\frac{7}{11}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{6}$	$\frac{1}{10}$	
	—	—	—	—	$\frac{1}{3}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{7}$	$\frac{1}{9}$	$\frac{2}{2}$	$\frac{2}{4}$	$\frac{2}{9}$	
	—	—	—	—	$\frac{1}{6}$	$\frac{1}{7}$	$\frac{1}{8}$	$\frac{1}{11}$	$\frac{2}{1}$	$\frac{2}{5}$	$\frac{2}{6}$	$\frac{3}{2}$	



## Bell Centring Punch Fig. T1795

Accurate. Finely Finished and well made.

Full Polished

PRICE, Capacity Bars,  $1\frac{1}{2}$  in. .. 3/4 each

## NEW LINE

## Set of Box Spanners

with RATCHET HANDLE

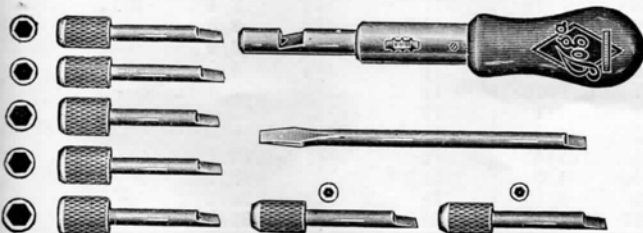


Fig. T1797

This set consists of Ratchet Handle with 7 Box Spanners suitable for B.A. Nuts Nos. 1, 2, 3, 4, 5, 6, and Screwdriver Blade.

PRICE 10/- set complete.

# TOGA GUARANTEED TOOLS

## Box Spanners



For B.A. Nuts

Shanks suitable for Nos. 30 and 31  
Yankee Screwdrivers

- Fig. T1798** For use with No. 30 Yankee Screwdriver  
 Sizes, 0, 1, 2, 3, 4, 5, 6, B.A. . . . . **PRICE** 1/- each
- Fig. T1799** For use with No. 31 Yankee Screwdriver  
 Sizes 0, 1, 2, 3, 4, 5, 6 B.A. . . . . **PRICE** 1/- each

## Double Ended Spanners

Fig. T1800



Drop Forged

Opening is at an angle of 15°  
 with handle, this admits of turning  
 a hexagon nut completely  
 round when swing is limited to 30°.

Size of Whit. Nuts in.	Length Overall in.	Black Finish with Bright Faces each	Mottled Finish with Bright Faces each	Size of Whit. Nuts in.	Length Overall in.	Black Finish with Bright Faces each	Mottled Finish with Bright Faces each
$\frac{1}{8} \times \frac{3}{16}$	4	$\frac{7}{5}$	$\frac{7}{8}$	$\frac{7}{16} \times \frac{1}{2}$	8	1/-	1/7
$\frac{3}{16} \times \frac{1}{4}$	4	$\frac{7}{5\frac{1}{2}}$	$\frac{7}{8\frac{1}{2}}$	$\frac{1}{2} \times \frac{3}{8}$	8 $\frac{1}{2}$	1/2	2/-
$\frac{1}{2} \times \frac{5}{16}$	5	$\frac{7}{6}$	$\frac{7}{11}$	$\frac{1}{2} \times \frac{1}{2}$	9 $\frac{1}{2}$	1/3	2/2
$\frac{5}{16} \times \frac{3}{8}$	5 $\frac{1}{2}$	$\frac{7}{7}$	1/3	$\frac{5}{8} \times \frac{3}{4}$	11 $\frac{1}{2}$	1/8	2/6
$\frac{5}{16} \times \frac{7}{16}$	5 $\frac{1}{2}$	$\frac{7}{8\frac{1}{2}}$	1/4	$\frac{3}{4} \times \frac{7}{8}$	13 $\frac{1}{2}$	2/10	3/2
$\frac{7}{16} \times \frac{7}{16}$	6 $\frac{1}{2}$	$\frac{7}{9\frac{1}{2}}$	1/6	$\frac{7}{8} \times 1$	15 $\frac{1}{2}$	3/2	4/6
$\frac{7}{16} \times \frac{1}{2}$	7	$\frac{7}{11}$	1/6	$1 \times 1\frac{1}{8}$	17 $\frac{1}{2}$	7/3	—
$\frac{1}{2} \times \frac{1}{2}$	8	1/-	1/7	$1\frac{1}{8} \times 1\frac{1}{4}$	19	7/4	—

## Single Ended Spanners



Fig. T1801

When ordering please state  
 whether Span or Nut Size.

Size of Whit. Nuts in.	Length Overall in.	Black Finish with Bright Faces each	Mottled Finish with Bright Faces each	Size of Whit. Nuts in.	Length Overall in.	Black Finish with Bright Faces each	Mottled Finish with Bright Faces each
$\frac{1}{8}$	4	$\frac{7}{5}$	$\frac{7}{7\frac{1}{2}}$	1	14 $\frac{1}{2}$	2/4	2/11
$\frac{1}{8}$	5	$\frac{7}{5}$	$\frac{7}{7\frac{1}{2}}$	1 $\frac{1}{8}$	17 $\frac{1}{2}$	3/8	—
$\frac{1}{4}$	5	$\frac{7}{5\frac{1}{2}}$	$\frac{7}{8}$	1 $\frac{1}{4}$	19 $\frac{1}{2}$	3/9	—
$\frac{3}{16}$	6	$\frac{7}{6\frac{1}{2}}$	$\frac{7}{10}$	1 $\frac{3}{8}$	19 $\frac{1}{2}$	4/9	—
$\frac{1}{2}$	8	$\frac{7}{7}$	$\frac{7}{10}$	1 $\frac{1}{2}$	20 $\frac{1}{2}$	7/4	—
$\frac{5}{16}$	8	$\frac{7}{8}$	1/1	1 $\frac{5}{8}$	22	10/-	—
$\frac{3}{8}$	9	$\frac{7}{9}$	1/1	1 $\frac{3}{4}$	22	10/-	—
$\frac{7}{16}$	11	1/4	1/4	1 $\frac{7}{8}$	24	12/1	—
$\frac{1}{2}$	11	1/4	1/6	2	26	13/7	—
$\frac{3}{4}$	12 $\frac{1}{2}$	1/6	1/10	2 $\frac{1}{2}$	26	20/1	—
$\frac{7}{8}$	13 $\frac{1}{2}$	1/11	2/4	2 $\frac{3}{4}$	26	21/9	—

# TOGA GUARANTEED TOOLS

## Fixed Spanners for B.A. Nuts

15° Angle. Smooth Gun Black Bodies. Polished Heads.  
Double Ended. Fig. T1802      Single Ended. Fig. T1803



### PRICES

Double Ended				Single Ended			
Sizes	..	0 × 2	2 × 4	4 × 6 B.A.	Sizes	..	0, 1, 2, 3, 4, 5, 6 B.A.
All 7/10 each				All 9/ each			

## Adjustable Automobile Wrenches



Fig. T1805

Black Finish

Size	..	7	9	11½ in.
PRICE	..	1/8	1/10	2/5 each



## Handled Box Spanners

For B.A. Nuts

Fig. T1806

Sizes, 0, 1, 2, 3, 4, 5, 6 B.A. 1/8 each

Fig. T1807



## B.A. Box Spanners

Made from cold drawn Weldless Steel Tube

Sizes, 0-0, 0-1, 1-1, 1-2, 2-2, 2-3, 3-3, 3-4, 4-4, 4-5, 5-5, 5-6, 6-6, 7-8, 9-10 B.A.

PRICE 7/ each

## Chain Pipe Wrenches



Fig. T1810

Simple yet Efficient.

Best Quality Cycle Chain.

Carbon Steel Handle.

Length	..	5	8	11	14	20	28	36 in.
Capacity	..	1½	2½	3	4	6	9	12 "
PRICE	..	1/-	2/8	4/6	9/-	17/6	25/-	32/6 each

## Adjustable Pipe Tongs



Fig. T1811

Size	..	6	7	9	12 in.
PRICE	..	1/9	2/-	3/1	4/10 each

# TOGA GUARANTEED TOOLS

## No. 3 Adjustable Hacksaw Frame

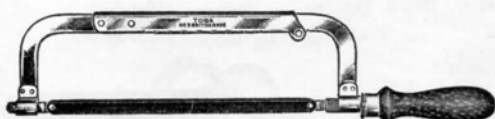


Fig. T1850

A Superior Frame, highly polished. Nickel-plated Adjustable 8-12 in.

PRICE  $5/8$  each  
Complete with Blade.

## Midget Hacksaw Frame



Fig. T1860

Black Finish. Red Handle

PRICE  $7/10\frac{1}{2}$  each  
Complete with Blade.  
Extra Blades (Pinned)  
 $1/6$  doz.

## Midget Hacksaw Frame

NEW LINE

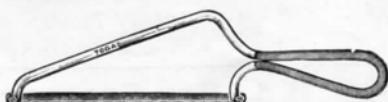


Fig. T1861

Black Finish  
Red Handle

PRICE  $7/9\frac{1}{2}$  each  
Complete with Blade  
Extra Blades (Pinned)  
 $1/6$  doz.

## Coping Saw Frame

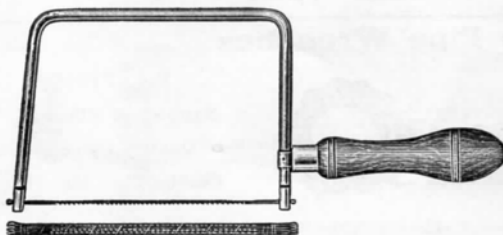


Fig. T1863

Polished Beechwood Handle. Frame 6 in. long  $\times$  4 in. deep. Made from  $\frac{1}{4}$  in. diam. Round Steel. Frame slotted so that Blades can be set at right angles

PRICE, complete with 1 doz. Blades ..  $1/7$  each  
,, Extra Blades  $7/9$  doz.



## Mechanics' Tool Bags

Fig. T1870

Made from good quality Brown Canvas with reinforced bottom, leather straps and metal handle

Size .. 12 15 18 in.

PRICE  $2/11$   $3/8$   $4/4$  each



# TOGA GUARANTEED TOOLS

## Black Rubber Mechanics' Tool Bag

Fig. T1872

A really strong Tool Bag made in three sizes.

Size	12	14	16	18 in.
PRICE	7/6	10/-	12/-	14/- ea.



## Treadle Grinders

Fig. T1880

- No. 1. 3000 R.P.M., Silent, Efficient and easy running. Supplied with Lever Treadle Motion if desired. High-grade Cycle Chain and Free Wheel, Enamelled Green with Gold Transfer.

PRICE, 28/9 each.

- No. 2. Ball Bearing 4,000 R.P.M. Lever Treadle Motion supplied if desired. Dust-proof. Enamelled Green with Gold Transfers. Silent, efficient and easy running.

PRICE, 37/6 each.

No.	Height in.	Depth in.	Width in.	Weight lb.	Size of Wheel, in.
1	42	13½	8	19	6 × 1
2	42	13½	8	22	6 × 1



## Hand Emery Grinders

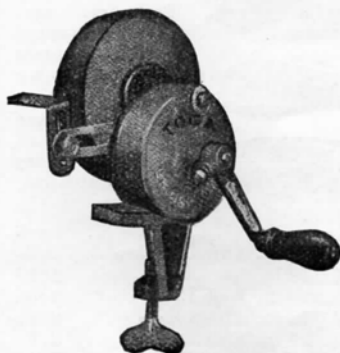
Fig. T1881

- Type A. Powerful Construction. High Grade Finish. Spur Gearing. Finished Olive Green.

Size	..	..	4 × 1	6 × 1 in.
PRICE	..	..	11/6	19/3 each

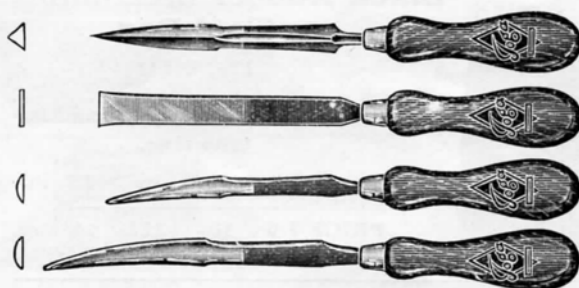
- Type B. Light but Strong, unbreakable Gears. Finished Bright Red.

Size	..	..	4 × 1	6 × 1 in.
PRICE	..	..	5/9	9/3 each



## Engineers' Bearing Scrapers

Fig. T1900



These Scrapers have been specially forged from the best cast steel. The three square and half-round blades are hollow ground to ensure a keen lasting edge.

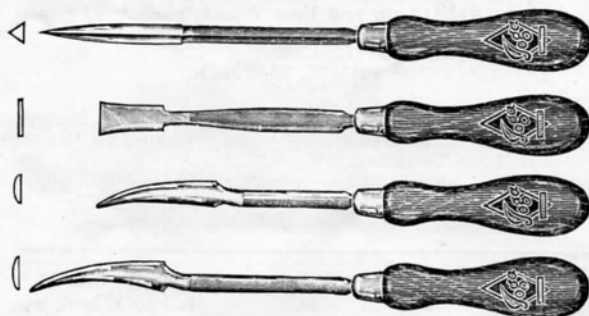
The Handles are of a size and shape specially designed to fit the hand, they are of polished Red Hard Wood.

No. 510. Set of 4 .. set 4/6  
each  
,, 511. 4 in. Three Square 1/1

No. 512. 4 in. Flat Square 1/1 each  
,, 513. 4 in. Half Round 1/1  
,, 514. 5 in. " " 1/4

## Motor Bearing Scrapers

Fig. T1901

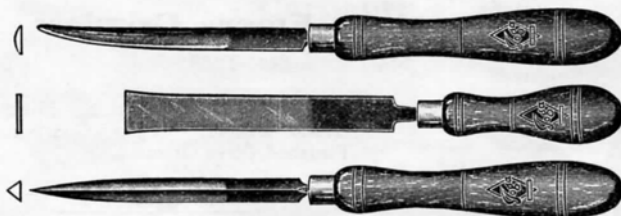


These Scrapers are of an improved type, specially designed for use in awkward positions. As with the Scrapers described above blades are hollow ground to ensure a keen lasting edge.

No. 515. Set of 4 .. set 5/1  
each  
,, 516. 4 in. Three Square 1/3

No. 517. 4 in. Flat Square 1/3 each  
,, 518. 4 in. Half Round 1/3  
,, 519. 5 in. " " 1/5

## Heavy Type Bearing Scrapers Fig. T1902



These heavier Scrapers embody the same useful features as the lighter shown above. Flat type has short handle to afford a more comfortable grip

No. 540. 6 in. Three Square .. each 1/3  
,, 541. 6 in. Flat " .. 1/3  
,, 542. 6 in. Half Round " .. 1/3  
,, 543. 8 in. Three Square " .. 1/7  
,, 544. 8 in. Flat " .. 1/6  
,, 545. 8 in. Half Round " .. 1/7

No. 546. 10 in. Three Square .. each 2/5  
,, 547. 10 in. Flat " .. 1/10  
,, 548. 10 in. Half Round " .. 2/5  
,, 549. 12 in. Three Square " .. 2/11  
,, 550. 12 in. Flat " .. 2/5  
,, 551. 12 in. Half Round " .. 2/11

# TOGA GUARANTEED TOOLS

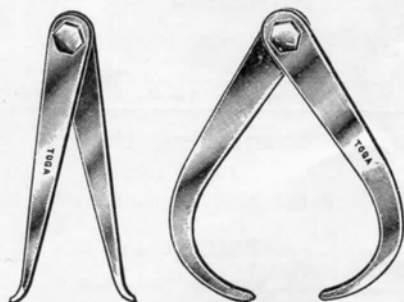
## Chrome Vanadium Bearing Scraper

Fig. T1903



Made from Chrome Vanadium Steel and Hollow Ground, they are specially produced to enable edge to stand for very long periods without regrinding.

Size ..	..	..	..	..	..	..	4	6	8 in.
PRICE ..	..	..	..	..	..	..	1/1	1/5	1/10 each



## Firm Joint Calipers

Fig. T1930

Hexagon Headed Nuts on all sizes.

Inside and Outside.

Length	3	4	5	6 in.
PRICE	7/9	7/11	1/-	1/3 pair
Length	..	8	10	12 in.
PRICE	..	2/3	4/-	4/6 pair

## Shim Steel Fig. T1939

4 in. wide

Neatly rolled and packed in Tins each containing 1 lb. weight.

Sizes	-002	-003	-004	-005	-006	-008	-010	-012	-015 in.
Price	7/-	4/8	3/-	2/11	2/10	2/7	2/2	1/11	1/6 per lb. tin.

### Assortment

1 Tin containing the following :—

4½ ft., -002 × 4 in. wide ; 3 ft. -003 × 4 in. wide ; 2½ ft. -004 × 4 in. wide ;  
1½ ft. each -005, -006 × 4 in. wide ; 1 ft. each -008, -010, -015 × 4 in. wide.

PRICE .. .. . 3/6 per tin.



## Silver Steel Fig. T1938

Assorted Sizes in Spits 13 in. long contained in strong metal tube.

6 each	1/8, 3/16, 1/4 in. Round	} PRICE Complete 11/-
3	1/8 and 3/8 " "	
2	7/16 and 1/2 " "	
1	1/2, 5/8, 3/4 " Square	

## Saddlers' Punches

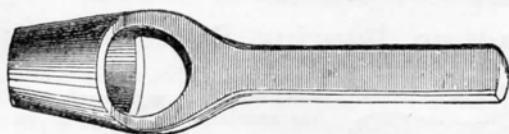


Fig. T1940

Hollow Weldless Steel

in. —	3/16	7/16	1/4	5/16	3/8	7/8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1
Size 1-5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Ea.	7/7	7/7	7/8	7/9	7/10	1/-	1/2	1/5	1/7	1/10	2/1	2/5	3/-	3/7	4/11	5/10	6/6	7/-	

# TOGA GUARANTEED TOOLS

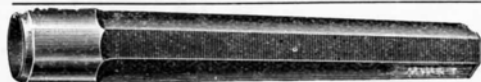


## Wad Punches

Fig. T1941

Black Finish. Polished Head

Size	.. up to	$\frac{3}{8}$	$\frac{7}{16}$ - $\frac{1}{2}$	$\frac{9}{16}$ - $\frac{5}{8}$	$\frac{11}{16}$ - $\frac{3}{4}$	$\frac{13}{16}$ - $\frac{7}{8}$	$\frac{15}{16}$ -1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$ in.
PRICE ..	..	1/4	1/6	1/7	1/8	3/4	3/11	5/-	6/1	7/2	8/3 each



## Tinmen's Hollow Punches Fig. T1942

Black Finish. Polished Head.

Size	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$ in.
Price	1/2	1/2	1/2	1/2	1/2	1/2	1/6	1/6	2/3	2/3	2/9	2/9	3/1	3/1	3/7	4/2	5/-	6/1 6/8 ea.

## Punching Pliers

Fig. T1950

7 in. long, complete with 1 Punch and Die.

PRICE 9/4 each

Punches and Dies,

$\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$  in.

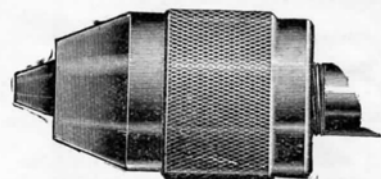
PRICE 2/9 per pair any size



## Drill Chucks Fig. T1960

3 Jaw. Coil Spring Type.

Suitable for Use in Carpenter's Brace, Hand or Breast Drill or Drilling Machine.



Inch	Without Shank.	$\frac{1}{2}$ Par. Shank.	No. 1 M.T. Shank.
$\frac{1}{4}$	3/1	3/7	3/10
$\frac{3}{8}$	3/4	3/10	4/5
$\frac{1}{2}$	3/10	4/5	4/8

## Bag Hooks

Fig. T1980

London Made.

White Unpolished Handle.

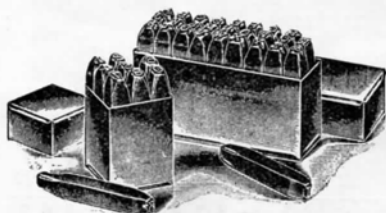
PRICE, 1/- each.



## Cast Steel Letter and Figure Punches Fig. T1995

These Stamps are made from Cast Steel and are on Medium Strength Stocks. Suitable for General purposes.

Each set neatly packed in a Tin Box.



Size of Stamp	Section of Steel in.	Length Overall in.	PRICE	
			Per set of 27 Letters	Per set of 9 Figures
$\frac{1}{16}$	$\frac{1}{4}$	2 $\frac{1}{2}$	10/6	3/6
$\frac{3}{32}$	$\frac{5}{16}$	2 $\frac{1}{2}$	10/6	3/6
$\frac{1}{8}$	$\frac{3}{8}$	2 $\frac{1}{2}$	10/6	3/6
$\frac{5}{32}$	$\frac{1}{2}$	2 $\frac{1}{2}$	11/10	4/-
$\frac{3}{16}$	$\frac{3}{4}$	2 $\frac{1}{2}$	13/5	4/6
$\frac{1}{4}$	1	2 $\frac{1}{2}$	15/9	5/3
$\frac{5}{16}$	1 $\frac{1}{8}$	2 $\frac{1}{2}$	19/9	6/7
$\frac{3}{8}$	1 $\frac{1}{4}$	3	23/9	7/11

# TOGA GUARANTEED TOOLS

## Hand Reamers

High Speed Steel and Carbon Steel



Parallel Type. Fig. T2000

Parallel type have slight entering lead  $\frac{1}{8}$  in. to  $\frac{3}{8}$  in. up length of reamer.



Taper Type. Fig. T2001

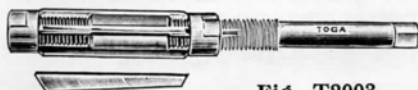
Taper type have a constant taper of 1 in 96 up to  $\frac{9}{16}$  in. diam, and 1 in 64 for larger sizes

Diam. in.	Length Overall in.	PRICE High Speed each	PRICE Carbon each	Diam. in.	Length Overall in.	PRICE High Speed each	PRICE Carbon each
$\frac{1}{8}$	3	6/-	4/9	$\frac{9}{16}$	6	11/-	8/6
$\frac{3}{32}$	3	5/9	4/6	$\frac{5}{8}$	7	13/6	10/6
$\frac{1}{16}$	3	5/6	4/3	$\frac{3}{4}$	7	15/-	11/9
$\frac{7}{32}$	3	6/6	5/-	$\frac{11}{16}$	7	15/-	11/9
$\frac{1}{4}$	4	6/6	5/-	$\frac{3}{8}$	7	17/6	13/9
$\frac{9}{32}$	4	6/9	5/3	$\frac{1}{2}$	8	17/6	13/9
$\frac{5}{16}$	4	6/9	5/3	$\frac{5}{8}$	8	19/6	14/6
$\frac{11}{32}$	4	7/6	6/3	$\frac{3}{4}$	8	19/6	14/6
$\frac{3}{8}$	5	7/6	6/3	$\frac{7}{8}$	8	22/6	16/6
$\frac{13}{32}$	5	8/3	6/9	$\frac{15}{16}$	9	22/6	16/6
$\frac{7}{16}$	5	8/3	6/9	1	9	26/-	17/3
$\frac{15}{32}$	5	10/-	8/-		9	26/-	17/3
$\frac{1}{2}$	6	10/-	8/-		9	30/6	20/-
$\frac{17}{32}$	6	11/-	8/6		10	30/6	20/-

These Reamers are stocked in sizes up to 2, also metric (Prices on application)

We also stock Straight Fluted Parallel Reamers in Carbon Steel, from  $\frac{3}{16}$ -1 in. Also in High Speed Steel  $\frac{3}{16}$ -1 in. Prices on application.

Also a full range of High Speed Steel Solid Machine Reamers with Morse Taper Shanks, straight or Spiral Flutes, sizes  $\frac{1}{4}$ -2 $\frac{1}{2}$  in. or in Metric 6.5 $\frac{m}{m}$ -63.0 $\frac{m}{m}$ . (Prices on application.)



## Adjustable Reamers

With High Speed Steel Blades.

Interchangeable with American Type.

Fig. T2003

Size No.	Expansion in.	Reamer Complete each	Set of Six Blades per set	Spare Nuts each
4a	$\frac{3}{8}$ — $\frac{13}{32}$	11/-	7/6	1/2
3a	$\frac{1}{4}$ — $\frac{7}{16}$	12/6	9/-	1/6
2a	$\frac{3}{16}$ — $\frac{13}{32}$	12/6	9/-	1/6
A	$\frac{15}{32}$ — $\frac{17}{32}$	14/-	9/-	1/6
B	$\frac{19}{32}$ — $\frac{21}{32}$	14/-	9/-	1/6
C	$\frac{21}{32}$ — $\frac{23}{32}$	14/9	9/-	1/6
D	$\frac{23}{32}$ — $\frac{25}{32}$	14/9	9/-	1/6
E	$\frac{25}{32}$ — $\frac{27}{32}$	15/9	10/6	1/9
F	$\frac{27}{32}$ — $\frac{29}{32}$	15/9	10/6	1/9
G	$\frac{29}{32}$ — $\frac{31}{32}$	17/3	12/-	2/1
H	$\frac{31}{32}$ — $\frac{1}{16}$	18/3	12/-	2/1
I	$\frac{1}{16}$ — $\frac{3}{16}$	22/-	13/6	2/4
J	$\frac{3}{16}$ — $\frac{11}{32}$	25/3	13/6	2/4
K	$\frac{11}{32}$ — $\frac{1}{4}$	31/6	16/6	2/8
L	$\frac{1}{4}$ — $\frac{13}{16}$	36/-	16/6	3/-
M	$\frac{13}{16}$ — $2\frac{3}{8}$	47/-	19/6	3/6

These Reamers can also be supplied in sets.

Details on Application.

# TOGA GUARANTEED TOOLS

## Taper Pin Reamers

Fig. T2005

Can also be supplied in High Speed Steel  
and in Sizes down to No. 000000



Prices on application

Wrenches for these Reamers are shown on page 56

No.	Diameter at Small End in.	Length of Flute in.	Total Length in.	PRICE each	No.	Diameter at Small End in.	Length of Flute in.	Total Length in.	PRICE each
000	.101	1½	2	5/-	5	.2287	3½	4½	6/6
00	.112	1½	2½	4/9	6	.2675	4½	5½	7/6
0	.1245	2	2½	4/3	7	.3173	5½	6½	8/9
1	.135	2½	3	4/3	8	.369	6½	7½	11/-
2	.151	2½	3½	5/-	9	.4472	7½	8½	13/-
3	.1717	2½	3½	5/3	10	.5543	8	9½	17/-
4	.1975	3	4	6/-					

We can supply 18% Tungsten High Speed Steel Shell Reamers, sizes ½ to 3 in.

Prices on application

## Pipe Burring Reamers

Spiral Fluted.

Fig. T2006

With Bit Stock Shank.



No. 1	for ½-1 in. Pipe.	PRICE 4/11 each
„ 2	„ 1-1½ „ „	„ 6/10 „
„ 3	„ 1½-2 „ „	„ 8/- „
„ 4	„ 2-2½ „ „	„ 15/6 „

## Repairmen's Reamers

Fig. T2007

With Bit Stock Shank for Garage Work.



No. 5	No. 6
Tapering ½-1	1-1 in.
PRICE 3/10	6/11 each

## Lancashire Taper Broaches



Fig. T2020 Five Sided

Size (Gauge)	75-80	56-74	53-55	50-52	45-49	40-44	32-39	28-31	20-27	15-19	10-14	3-9	1-2
PRICE, each	7/2	7/2	7/2½	7/3	7/3½	7/4	7/5	7/6	7/7	7/8	7/9	7/10	1/-
Size .. in.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
PRICE, each	7/2	7/2	7/2	7/3	7/3½	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/8
Size .. in.	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
PRICE, each	7/9	7/10	1/-	1/4	1/5	1/7	1/8	1/8	1/11	2/-	2/1	3/4	4/4 5/-

# TOGA GUARANTEED TOOLS

## Hand Taps



Fig. T2025

Whitworth and B.S.F. Taper, Second and Plug (Taper, Plug and Bottoming).

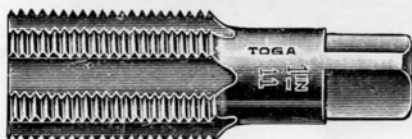
Diameter in.	Whitworth T.P.I.	B.S.F. T.P.I.	PRICE each	Diameter in.	Whitworth T.P.I.	B.S.F. T.P.I.	PRICE each
$\frac{1}{8}$	60	—	7/11	$\frac{1}{4}$	12	16	1/1
$\frac{3}{16}$	48	—	7/7	$\frac{1}{2}$	12	16	1/8
$\frac{1}{2}$	40	—	7/6	$\frac{3}{4}$	11	14	1/8
$\frac{5}{8}$	32	—	7/6	$\frac{7}{8}$	11	14	2/2
$\frac{3}{4}$	24	32	7/6	$\frac{15}{16}$	10	12	2/2
$\frac{7}{8}$	24	28	7/6	1	10	12	3/4
$\frac{15}{16}$	20	26	7/6		9	11	3/4
1	18	22	7/8		9	11	3/3
	16	20	7/10		8	10	3/3
	14	18	1/4				

## Hand Taps

Fig. T2025

British Association Taper, Second and Plug (Taper, Plug and Bottoming).

Size	Pitch in.	PRICE each	Size	Pitch in.	PRICE each
0	1.00	7/7	6	.53	7/7
1	.90	7/7	7	.48	7/7
2	.81	7/7	8	.43	7/7
3	.73	7/7	9	.39	7/11
4	.66	7/7	10	.35	7/11
5	.59	7/7			



## Hand Taps

Fig. T2026

British Standard Pipe

Taper and Parallel

Diameter in.	T.P.I.	PRICE each	Diameter in.	T.P.I.	PRICE each
$\frac{1}{8}$	28	1/8	$\frac{1}{4}$	14	5/4
$\frac{3}{16}$	19	1/10	$\frac{1}{2}$	11	5/5
$\frac{1}{2}$	19	2/2	$\frac{3}{4}$	11	7/3
$\frac{5}{8}$	14	2/11	$\frac{7}{8}$	11	9/9
$\frac{3}{4}$	14	3/4	1	11	12/8
$\frac{7}{8}$	14	4/4	2	11	18/4



## Hexagon Die Nuts

Fig. T2030

Sand Blast Finish. Polished Faces.

Whitworth or B.S.F. Thread

Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 1/2	2	in.
PRICE	2/5	2/5	2/11	3/2	3/4	4/7	5/4	5/8	each
Size	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	in.
PRICE	6/5	7/11	8/8	8/8	9/9	11/2	20/8	29/4	each

British Standard Pipe Thread

BRASS STANDARD PIPE THREAD														
Size	..	..	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	in.
PRICE	..	..	2/11	3/8	5/-	5/4	7/3	7/11	10/1	15/8	20/8	29/-	34/8	each

# Hand Chasers or Screw Tools

Fig. T2033



**Whitworth Form**  
(Angle 55°)

For Whitworth Bolt Threads,  
British Standard Fine  
Threads and Pipe Threads.

Threads per in. .. ..	3	3½	4	4½	5	6	7	8
PRICE, Inside or Outside ..	2/6	2/6	2/6	2/6	2/6	1/8	1/8	1/8 each
Threads per in. .. ..	9	10	11	12	14	16	18	19
PRICE, Inside or Outside ..	1/3	1/3	7/9½	7/9½	7/9½	7/9½	7/9½	7/9½ each
Threads per in. .. ..	20	22	24	26	28	32	40	48
PRICE, Inside or Outside ..	7/9½	7/9½	7/9½	7/9½	7/9½	7/9½	7/9½	7/9½ each

Pitches not standard can be furnished to order.

## Sets of Stocks and Dies

Fig. T2035



**Whitworth Standard.**

Split Adjustable Circular Dies. Drop Forged Diestocks with Knurled Handles, Mottled Finish.

Polished Hardwood Case.

For separate Taps and Dies, see pages 53-56.

British Standard fine thread can also be supplied. Price on Application.

PRICE per Set

No.	Cutting Sizes 13 in. O.D. Dies in.	Complete with Case	
		Taper Taps and Wrench	Taper and Plug Taps and Wrench
B 1	1/16, 3/32, 1/8, 5/32, 3/16 .. ..	18/-	21/-
B 2	1/8, 3/32, 1/16, 7/32, 1/4 .. ..	16/9	19/3
B 3	1/16, 1/8, 3/16, 1/4, 5/16 .. ..	19/6	22/3
B 4	1/8, 3/16, 7/32, 1/2, 5/16 .. ..	19/-	21/9
B 5	1/8, 3/16, 1/4, 5/16, 3/8 .. ..	19/3	22/3
B 6	3/16, 7/32, 1/2, 5/16, 3/8 .. ..	19/3	22/3
B 7	1/16, 3/32, 1/8, 5/32, 1/4, 7/32, 1/2 .. ..	26/6	30/6
B 8	1/8, 3/32, 1/16, 1/4, 3/32, 5/16 .. ..	25/6	29/6
B 9	1/8, 3/32, 1/16, 7/32, 1/4, 5/16, 3/8 .. ..	25/6	29/6

## Sets of Stocks and Dies Fig. T2036

With Round Adjustable Split Dies for British Association Threads.

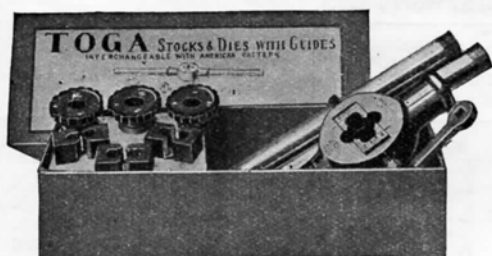
Similar to Fig. T2035 with Taper and Plug Taps, etc., in Case.

Set. Sizes 0-8 B.A. .. 36/- set. Sizes 0-10 B.A. .. 44/- set.



# TOGA GUARANTEED TOOLS

## American Type Stocks and Dies



### British Standard Pipe

Fig. T2038

Interchangeable with American Type Stock, Frame and Dies are marked to show standard sizes, but screw adjustment is provided for larger or smaller screwing.

### Complete Sets in Strong Cartons

Set No.	To Screw Pipes	PRICE Per Set	Set No.	To Screw Pipes	PRICE Per Set
0	$\frac{1}{8}, \frac{1}{4}, \frac{3}{8}, \frac{1}{2}$ ..	37/6	1½A	$\frac{1}{2}, \frac{3}{4}, 1, 1\frac{1}{4}$ ..	58/4
1A	$\frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{3}{4}, 1$ ..	50/-	1½B	$\frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{3}{4}, 1, 1\frac{1}{4}$ ..	79/2
1B	$\frac{3}{8}, \frac{1}{2}, 1$ ..	37/6	2A	$1\frac{1}{4}, 1\frac{1}{2}, 2$ ..	75/-
1C	$\frac{1}{8}, \frac{1}{4}, \frac{3}{8}, \frac{1}{2}, \frac{3}{4}, 1$ ..	58/4	2B	$1, 1\frac{1}{4}, 1\frac{1}{2}, 2$ ..	87/6

### Electrical Conduit

Set No.	To Screw, in.	PRICE Per Set	Set No.	To Screw, in.	PRICE Per Set
S0	$\frac{5}{8}, \frac{3}{4}$ ..	25/-	S1D	$\frac{5}{8}, \frac{3}{4}, 1$ ..	37/6
S0A	$\frac{3}{8}, \frac{5}{8}, \frac{3}{4}$ ..	30/3	S1E	$\frac{3}{8}, 1, 1\frac{1}{4}$ ..	37/6
S1A	$\frac{1}{2}, \frac{5}{8}, \frac{3}{4}, \frac{7}{8}, 1$ ..	50/-	S2C	$1\frac{1}{4}, 1\frac{1}{2}, 2$ ..	75/-

**IMPORTANT.** When screwing with these Stocks and Dies, use only animal oil, fat or tallow. Bad work or broken tools frequently result from the use of vegetable and mineral oils.

### Replacements for American Type Stocks and Dies

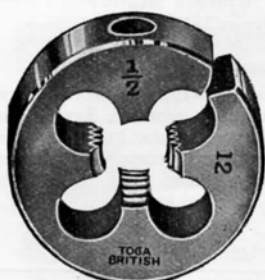
Stock No.	..	..	..	..	0	1	1½	2
Range of Cutting Sizes	{ Gas .. in. Conduit ..				$\frac{1}{8}-\frac{1}{2}$ $\frac{1}{2}, \frac{3}{8}, \frac{1}{4}$	$\frac{1}{8}-1$ $\frac{1}{2}-1\frac{1}{4}$	$\frac{1}{4}-1\frac{1}{4}$ —	1-2 $1\frac{1}{4}-2$
Stocks with Handles, Screws and Spanners	..	..	..	each	13/7	16/8	21/11	29/2
Dies	..	..	..	per pair	6/8	8/4	10/5	14/7
Guides	..	..	..	each	2/11	4/2	4/7	6/8
Bushings	..	..	..	..	1/3	1/8	2/6	3/2
Extra Screws	..	..	..	..	7/10	1/1	1/6	1/8
Handles	..	..	..	per pair	3/2	5/3	9/5	10/5
Spanners	..	..	..	each	7/8	7/10	1/2	1/2

# TOGA GUARANTEED TOOLS

## Round Split Dies

Fig. T2040

Whitworth Bolt



Size, in.	Diam. of Dies, in.		
	$\frac{1}{16}$	1	$1\frac{1}{2}$
$\frac{1}{16}, \frac{5}{16}, \frac{3}{8}$ ..	1/6	—	—
$\frac{1}{8}, \frac{3}{8}, \frac{1}{2}, \frac{7}{8}$ ..	1/1	1/11	—
$\frac{1}{4}, \frac{3}{4}, \frac{5}{8}$ ..	1/1	1/11	5/6
$\frac{3}{8}, \frac{1}{2}$ ..	1/1	1/11	5/6
$\frac{7}{8}, \frac{1}{2}$ ..	—	1/11	5/6
$\frac{5}{8}, \frac{3}{4}$ ..	—	—	5/6

B.S.F. Threads  $\frac{3}{16}, \frac{1}{4}, \frac{5}{16}, \frac{3}{8}, \frac{7}{8}, \frac{1}{2}, \frac{5}{8}, \frac{3}{4}$  in. at same prices

B.A. Dies

$\frac{1}{16}$  O.D. Nos. 0-8, 1/1. Nos. 9-10, 1/11 each

## Tap Wrenches

Fig. T2045



Length of  
Wrench  $8\frac{1}{2}$  14 16 in.  
For Taps  $\frac{1}{4}-\frac{3}{4}$   $\frac{1}{2}-1$  ..

PRICE 5/3 12/8 17/6 each

## Tap Wrench

Fig. T2046



Length of Wrench 4 in.  
Suitable for Taps  $0-\frac{1}{4}$ , 0-10 B.A.

PRICE 1/- each.

## Tap Wrenches

Fig. T2047



Length of  
Wrench  $5\frac{1}{2}$   $8\frac{1}{2}$  in.  
Size for Taps  $\frac{1}{8}-\frac{3}{8}$   $\frac{1}{4}-1$  ..

PRICE .. 3/- 4/6 each

## Die Stocks

Fig. T2048



Length of Stock	..	..	..	..	6 $\frac{1}{2}$	9	18 $\frac{1}{2}$ in.
Size, for Dies O.D.	..	..	..	..	$\frac{1}{16}$	1	$1\frac{1}{2}$ ..
PRICE	..	..	..	..	1/5	3/5	9/7 each

Drop Forged.

Knurled Handles.

## Tap Wrenches



Fig. T2049

No. ..	0	4	5	6	7	7 $\frac{1}{2}$
Length ..	7	9	11	14 $\frac{1}{2}$	19 $\frac{1}{2}$	31 in.
For Taps	$\frac{1}{16}-\frac{1}{4}$	$\frac{1}{8}-\frac{3}{8}$	$\frac{1}{16}-\frac{1}{2}$	$\frac{1}{4}-\frac{3}{4}$	$\frac{3}{8}-1$	$\frac{3}{8}-1\frac{1}{4}$ ..
PRICE ..	11/8	17/6	20/5	23/4	29/2	37/11 each

# TOGA GUARANTEED TOOLS

## High Speed and Carbon Steel Twist Drills

Straight Shank. Long Series.  
High Speed. Fig. T2060  
Carbon. Fig. T2061

Morse Taper Shank  
High Speed. Fig T2062  
Carbon. Fig. T2063.



The usual claim for "High Speed Steel" is the increased rate at which work can be done, but an even greater advantage is its **Durability** when used on machines adapted for ordinary speeds. The saving in grinding etc., renders its use much more **economical** notwithstanding increased initial cost.

Diam.	Length Overall	PRICE, each			Diam.	Length Overall	PRICE, each	
		Carbon Steel	High S. Steel				Carbon Steel	High Speed Steel
			Taper Shank	St. Shk. L'g Ser.				
in.	in.				in.	in.		
1/16	5 1/2	1/11	5/6	3/4	1/16	10 1/2	13/9	25 1/2
1/8	5 1/2	2/11	5/6	3/4	1/8	10 1/2	13/9	25 1/2
3/16	5 1/2	2/11	5/6	3/4	3/16	11	14/9	26 1/2
1/4	5 1/2	2/4	5/6	3/6	1/4	11	14/9	26 1/2
5/16	5 1/2	2/4	5/9	4/-	5/16	11 1/2	15/9	28 1/2
3/8	5 1/2	2/6	5/9	4/2	3/8	11 1/2	15/9	29 1/2
7/16	6	2/6	5/9	4/2	7/16	11 1/2	16/9	30 1/2
1/2	6 1/2	2/9	5/9	5/-	1/2	11 1/2	16/9	31 1/2
5/8	6 1/2	2/9	6/-	5/-	5/8	11 1/2	17/9	32 1/2
3/4	6 1/2	2/11	6/3	5/2	3/4	11 1/2	17/9	33 1/2
7/8	6 1/2	2/11	6/3	5/2	7/8	11 1/2	18/9	34 1/2
1	6 1/2	2/11	6/3	5/5	1	11 1/2	18/9	35 1/2
1 1/16	6 1/2	2/11	6/3	5/5	1 1/16	11 1/2	20/-	36 1/2
1 1/8	6 1/2	3/3	6/6	5/9	1 1/8	11 1/2	20/-	37 1/2
1 1/4	6 1/2	3/3	6/6	5/9	1 1/4	12	21/-	38 1/2
1 1/2	6 1/2	3/6	6/6	6/6	1 1/2	12	21/-	39 1/2
1 3/4	6 1/2	3/6	6/6	6/6	1 3/4	12 1/2	22/-	41 1/2
2	7	3/9	7/-	6/10	2	12 1/2	22/-	42 1/2
	7	3/9	7/-	6/10	2 1/4	12 1/2	23/-	42 1/2
Taper Shank or Straight Shank Long Series					2 1/2	12 1/2	23/-	44 1/2
2 3/4	7 1/2	4/3	7/6		2 3/4	14 1/2	24/-	52 1/2
3	7 1/2	4/3	7/6		3	14 1/2	24/-	53 1/2
3 1/4	7 1/2	4/9	8/-		3 1/4	14 1/2	25/-	54 1/2
3 1/2	7 1/2	4/9	8/-		3 1/2	14 1/2	25/-	55 1/2
3 3/4	7 1/2	5/-	8/6		3 3/4	14 1/2	26 1/3	57 1/2
4	7 1/2	5/-	8/6		4	14 1/2	26 1/3	58 1/2
4 1/4	8	5/6	9/-		4 1/4	14 1/2	27/3	60 1/2
4 1/2	8	5/6	9/-		4 1/2	14 1/2	27/3	62 1/2
4 3/4	8 1/2	6/-	9/-		4 3/4	14 1/2	29/3	63 1/2
5	8 1/2	6/-	9/-		5	14 1/2	29/3	64 1/2
5 1/4	8 1/2	6/3	12/-		5 1/4	14 1/2	31/3	66 1/2
5 1/2	8 1/2	6/3	12/-		5 1/2	14 1/2	31/3	68 1/2
5 3/4	8 1/2	6/3	12/6		5 3/4	14 1/2	33/6	70 1/2
6	8 1/2	6/9	13/-		6	15	33/6	72 1/2
6 1/4	9	6/9	13/-		6 1/4	15	35/6	74 1/2
6 1/2	9	7/3	13/6		6 1/2	15	35/6	76 1/2
6 3/4	9	7/3	13/6		6 3/4	15	37/6	78 1/2
7	9 1/2	7/6	14/-		7	15 1/2	37/6	80 1/2
7 1/4	9 1/2	7/6	14/-		7 1/4	15 1/2	39/9	82 1/2
7 1/2	9 1/2	8/-	15/-		7 1/2	15 1/2	39/9	84 1/2
7 3/4	9 1/2	8/-	15/-		7 3/4	15 1/2	41/9	86 1/2
8	9 1/2	8/3	16/-		8	15 1/2	41/9	88 1/2
8 1/4	9 1/2	8/3	16/-		8 1/4	15 1/2	43/9	90 1/2
8 1/2	9 1/2	8/9	17/-		8 1/2	15 1/2	43/9	92 1/2
8 3/4	9 1/2	8/9	17/-		8 3/4	15 1/2	46/-	95 1/2
9	10	8/9	17/-		9	15 1/2	48/-	98 1/2
9 1/4	10	9/3	18/-		9 1/4	15 1/2	50/-	101 1/2
9 1/2	10	9/3	18/-		9 1/2	16	52 1/3	104 1/2
9 3/4	10 1/2	10/-	19/-		9 3/4	16	55 1/3	108 1/2
10	10 1/2	10/-	19/-		10	16 1/2	58 1/6	112 1/2
10 1/4	10 1/2	11/-	20/6		10 1/4	16 1/2	61 1/6	116 1/2
10 1/2	10 1/2	11/-	20/6		10 1/2	16 1/2	64/9	120 1/2
10 3/4	10 1/2	11/9	22/-		10 3/4	16 1/2	67 1/9	125 1/2
11	10 1/2	11/9	22/-		11	16 1/2	71/-	130 1/2
11 1/4	10 1/2	12/6	23/6		11 1/4	16 1/2	74/-	135 1/2
11 1/2	10 1/2	12/6	23/6		11 1/2	16 1/2	77/3	140 1/2

Note.—Above overall lengths refer to High Speed Drills, as Carbon Drills are in many instances slightly longer.

Morse Taper Shanks as follows :—

No.	Shank,	1 in. to	2 in., and 3 1/2 in. to 14 1/2 in. Inclusive.
2	"	1 1/2	" 14 1/2 " 23 "
3	"	1 3/4	" 23 1/2 " 31 1/2 "
4	"	2	" 32 " 50 "
5	"	2 1/2	" 51 " 76 "

Metric sizes can be supplied at equivalent prices, viz. :—25% at price of 1 in., etc.

# TOGA GUARANTEED TOOLS

## High Speed and Carbon Steel Twist Drills

### Jobbers' Lengths



Fractional, Letter and Number Sizes

Fig. T2064  
Carbon Steel

Fig. T2065  
High Speed Steel

Dia. In.	Length In.	PRICE doz. each		Dia. In.	Length In.	PRICE doz. each		Dia. In.	Length In.	PRICE doz. each		Dia. In.	Length In.	PRICE doz. each	
		C.S.	H.S.			C.S.	H.S.			C.S.	H.S.			C.S.	H.S.
$\frac{3}{16}$	1 $\frac{11}{16}$	6/6	1/1	$\frac{1}{8}$	3 $\frac{3}{8}$	8/4	1/8	$\frac{1}{16}$	4 $\frac{1}{2}$	16/8	3/4	$\frac{1}{32}$	5 $\frac{1}{2}$	29/2	4/9
$\frac{1}{4}$	2 $\frac{1}{8}$	5/8	1/2	$\frac{3}{16}$	3 $\frac{1}{2}$	9/5	1/9	$\frac{3}{32}$	4 $\frac{1}{4}$	18/2	3/3	$\frac{1}{16}$	5 $\frac{3}{4}$	32/4	5/4
$\frac{5}{16}$	2 $\frac{1}{4}$	6/11	1/3	$\frac{1}{2}$	3 $\frac{3}{4}$	10/5	1/11	$\frac{1}{8}$	4 $\frac{3}{4}$	19/7	3/6	$\frac{3}{32}$	5 $\frac{1}{2}$	35/5	5/4
$\frac{3}{8}$	2 $\frac{3}{4}$	7/1	1/4	$\frac{5}{16}$	3 $\frac{1}{2}$	11/6	2/4	$\frac{5}{32}$	4 $\frac{1}{2}$	21/1	3/9	$\frac{1}{4}$	5 $\frac{3}{4}$	38/7	5/3
$\frac{7}{16}$	3	7/4	1/4	$\frac{3}{4}$	4	12/6	2/3	$\frac{3}{8}$	5	23/4	4/4	$\frac{1}{8}$	5 $\frac{1}{2}$	41/8	5/6
$\frac{1}{2}$	3 $\frac{1}{2}$	7/6	1/5	$\frac{7}{16}$	4 $\frac{1}{2}$	13/7	2/5	$\frac{7}{32}$	5 $\frac{1}{2}$	25/4	4/3	$\frac{3}{16}$	5 $\frac{3}{4}$	45/10	5/9
$\frac{9}{16}$	3 $\frac{3}{4}$	7/9	1/6	$\frac{1}{2}$	4 $\frac{1}{2}$	14/7	2/7	$\frac{1}{2}$	5 $\frac{1}{2}$	27/4	4/6	$\frac{1}{4}$	6	50/4	6/4
$\frac{5}{8}$	3 $\frac{3}{4}$	7/11	1/7	$\frac{1}{2}$	4 $\frac{1}{2}$	15/10	2/9								

Straight Shank Wire Drills

Fig. T2066  
Carbon

Fig. T2067  
High Speed

Gauge	Dec. In.	Length In.	PRICE doz. each		Gauge	Dec. In.	Length In.	PRICE doz. each		Gauge	Dec. In.	Length In.	PRICE doz. each	
			C.S.	H.S.				C.S.	H.S.				C.S.	H.S.
1	-.228	4	11/6	2/4	26	-.147	2 $\frac{1}{8}$	7/6	1/6	51	-.067	1 $\frac{1}{8}$	6/8	1/2
2	-.221	4	11/6	2/4	27	-.144	2 $\frac{1}{8}$	7/6	1/6	52	-.0635	1 $\frac{1}{8}$	6/8	1/2
3	-.213	4	11/6	1/11	28	-.1405	2 $\frac{1}{8}$	7/6	1/6	53	-.0595	1 $\frac{1}{8}$	6/8	1/1
4	-.209	3 $\frac{1}{2}$	11/6	1/11	29	-.136	2 $\frac{1}{8}$	7/6	1/6	54	-.055	1 $\frac{1}{8}$	6/8	1/1
5	-.2055	3 $\frac{1}{2}$	11/6	1/11	30	-.1285	2 $\frac{1}{8}$	7/6	1/5	55	-.052	1 $\frac{1}{8}$	6/8	1/1
6	-.204	3 $\frac{1}{2}$	10/5	1/11	31	-.12	2 $\frac{1}{8}$	7/4	1/5	56	-.0465	1 $\frac{1}{8}$	6/8	1/1
7	-.201	3 $\frac{1}{2}$	10/5	1/10	32	-.116	2 $\frac{1}{8}$	7/4	1/5	57	-.043	1 $\frac{1}{8}$	6/8	1/1
8	-.199	3 $\frac{1}{2}$	10/5	1/10	33	-.113	2 $\frac{1}{8}$	7/4	1/4	58	-.042	1 $\frac{1}{8}$	6/8	1/1
9	-.196	3 $\frac{1}{2}$	10/5	1/10	34	-.111	2 $\frac{1}{8}$	7/4	1/4	59	-.041	1 $\frac{1}{8}$	6/9	1/1
10	-.1935	3 $\frac{1}{2}$	10/5	1/10	35	-.11	2 $\frac{1}{8}$	7/4	1/4	60	-.04	1 $\frac{1}{8}$	6/8	1/1
11	-.191	3 $\frac{1}{2}$	9/5	1/10	36	-.1065	2 $\frac{1}{8}$	7/4	1/4	61	-.039	1 $\frac{1}{8}$	6/3	—
12	-.189	3 $\frac{1}{2}$	9/5	1/9	37	-.104	2 $\frac{1}{8}$	7/4	1/4	62	-.038	1 $\frac{1}{8}$	6/3	—
13	-.185	3 $\frac{1}{2}$	9/5	1/9	38	-.1015	2 $\frac{1}{8}$	7/4	1/4	63	-.037	1 $\frac{1}{8}$	6/3	—
14	-.182	3 $\frac{1}{2}$	9/5	1/9	39	-.0995	2 $\frac{1}{8}$	7/4	1/4	64	-.036	1 $\frac{1}{8}$	6/3	—
15	-.18	3 $\frac{1}{2}$	9/5	1/9	40	-.098	2 $\frac{1}{8}$	7/4	1/4	65	-.035	1 $\frac{1}{8}$	6/3	—
16	-.177	3 $\frac{1}{2}$	8/4	1/9	41	-.096	2 $\frac{1}{8}$	7/1	1/4	66	-.033	1 $\frac{1}{8}$	6/3	—
17	-.173	3 $\frac{1}{2}$	8/4	1/8	42	-.0935	2 $\frac{1}{8}$	7/1	1/4	67	-.032	1 $\frac{1}{8}$	6/3	—
18	-.1695	3 $\frac{1}{2}$	8/4	1/8	43	-.089	2 $\frac{1}{8}$	7/1	1/3	68	-.031	1 $\frac{1}{8}$	6/3	—
19	-.166	3 $\frac{1}{2}$	8/4	1/8	44	-.086	2 $\frac{1}{8}$	7/1	1/3	69	-.02925	1 $\frac{1}{8}$	6/3	—
20	-.161	3 $\frac{1}{2}$	8/4	1/7	45	-.082	2 $\frac{1}{8}$	7/1	1/3	70	-.028	1 $\frac{1}{8}$	6/3	—
21	-.159	3 $\frac{1}{2}$	7/11	1/7	46	-.081	2 $\frac{1}{8}$	7/4	1/3	71	C.S. only	1 $\frac{1}{8}$	6/3	—
22	-.157	3 $\frac{1}{2}$	7/11	1/7	47	-.0785	2 $\frac{1}{8}$	7/4	1/3	80				
23	-.154	3 $\frac{1}{2}$	7/11	1/7	48	-.076	2 $\frac{1}{8}$	7/4	1/3					
24	-.152	3 $\frac{1}{2}$	7/11	1/7	49	-.073	2	7/4	1/2					
25	-.1495	3	7/11	1/6	50	-.07	1 $\frac{1}{8}$	7/4	1/2					

Straight Shank Letter Gauge Drills

Fig. T2068  
Carbon

Fig. T2069  
High Speed

Gauge	Dec. In.	Length In.	PRICE doz. each		Gauge	Dec. In.	Length In.	PRICE doz. each		Gauge	Dec. In.	Length In.	PRICE doz. each	
			C.S.	H.S.				C.S.	H.S.				C.S.	H.S.
A	-.234	3 $\frac{1}{2}$	12/6	2/3	J	-.277	4 $\frac{1}{2}$	15/7	2/9	S	-.348	4 $\frac{1}{2}$	22/6	3/9
B	-.238	3 $\frac{1}{2}$	12/6	2/3	K	-.281	4 $\frac{1}{2}$	16/6	2/9	T	-.358	4 $\frac{1}{2}$	22/6	4/4
C	-.242	3 $\frac{1}{2}$	12/11	2/3	L	-.290	4 $\frac{1}{2}$	16/6	3/4	U	-.368	4 $\frac{1}{2}$	25/4	4/4
D	-.246	3 $\frac{1}{2}$	12/11	2/3	M	-.295	4 $\frac{1}{2}$	17/6	3/4	V	-.377	5	25/4	4/3
E	-.250	3 $\frac{1}{2}$	13/7	2/5	N	-.302	4 $\frac{1}{2}$	17/6	3/8	W	-.386	5	27/8	4/6
F	-.257	4 $\frac{1}{2}$	13/7	2/5	O	-.316	4 $\frac{1}{2}$	20/4	3/3	X	-.397	5 $\frac{1}{2}$	27/8	4/6
G	-.261	4 $\frac{1}{2}$	14/10	2/7	P	-.323	4 $\frac{1}{2}$	20/4	3/3	Y	-.404	5 $\frac{1}{2}$	29/8	4/9
H	-.266	4 $\frac{1}{2}$	14/10	2/7	Q	-.332	4 $\frac{1}{2}$	21/6	3/6	Z	-.413	5 $\frac{1}{2}$	29/8	4/9
I	-.272	4 $\frac{1}{2}$	15/7	2/7	R	-.339	4 $\frac{1}{2}$	21/6	3/6					

# TOGA GUARANTEED TOOLS

## Carbon Steel Twist Drills



### Short Length

With  $\frac{1}{4}$  in. Parallel Shanks  $\times$   $2\frac{1}{2}$  in. long

Fig. T2072

These Drills can also be furnished with longer twist at Special Prices.

Diam. in.	Length in.	PRICE each	Diam. in.	Length in.	PRICE each	Diam. in.	Length in.	PRICE each
$\frac{1}{16}$	$5\frac{1}{2}$	1/10	$\frac{1}{8}$	6	4/9	1	6	10/6
$\frac{3}{16}$	$5\frac{1}{2}$	2/-	$\frac{1}{4}$	6	5/-	$1\frac{1}{2}$	6	11/3
$\frac{1}{4}$	$5\frac{1}{2}$	2/3	$\frac{3}{8}$	6	5/6	$1\frac{3}{4}$	6	11/3
$\frac{5}{16}$	$5\frac{1}{2}$	2/3	$\frac{1}{2}$	6	6/3	$1\frac{5}{8}$	6	12/3
$\frac{3}{8}$	6	2/6	$\frac{5}{8}$	6	6/3	$1\frac{3}{4}$	6	12/3
$\frac{7}{16}$	6	2/9	$\frac{3}{4}$	6	7/3	$1\frac{7}{8}$	6	13/-
$\frac{1}{2}$	6	3/-	$\frac{7}{8}$	6	7/3	$1\frac{9}{8}$	6	13/-
$\frac{9}{16}$	6	3/3	$\frac{15}{16}$	6	8/-	$1\frac{11}{8}$	6	13/9
$\frac{5}{8}$	6	3/6	1	6	8/9	$1\frac{13}{8}$	6	13/9
$\frac{11}{16}$	6	3/9		6	8/9	$1\frac{15}{8}$	6	15/-
$\frac{3}{4}$	6	4/-		6	9/9	$1\frac{17}{8}$	6	16/3
$\frac{13}{16}$	6	4/3		6	9/9	$1\frac{19}{8}$	6	17/6
$\frac{7}{8}$	6	4/6		6	10/6	$1\frac{21}{8}$	6	18/9

Fig. T2073

With .647 in. ( $\frac{1}{16}$  in.) Parallel Shanks  $\times$   $2\frac{1}{2}$  in. long

Diam. in.	Length in.	PRICE each	Diam. in.	Length in.	PRICE each	Diam. in.	Length in.	PRICE each
$\frac{1}{16}$	$5\frac{1}{2}$	2/3	$\frac{1}{8}$	6	5/-	1	6	10/6
$\frac{3}{16}$	$5\frac{1}{2}$	2/5	$\frac{1}{4}$	6	5/3	$1\frac{1}{2}$	6	11/3
$\frac{1}{4}$	$5\frac{1}{2}$	2/6	$\frac{3}{8}$	6	5/6	$1\frac{3}{4}$	6	11/3
$\frac{5}{16}$	6	2/9	$\frac{1}{2}$	6	6/3	$1\frac{5}{8}$	6	12/3
$\frac{3}{8}$	6	3/-	$\frac{5}{8}$	6	6/3	$1\frac{3}{4}$	6	12/3
$\frac{7}{16}$	6	3/3	$\frac{3}{4}$	6	7/3	$1\frac{7}{8}$	6	13/-
$\frac{1}{2}$	6	3/6	$\frac{7}{8}$	6	7/3	$1\frac{9}{8}$	6	13/9
$\frac{9}{16}$	6	3/6	1	6	8/-	$1\frac{11}{8}$	6	13/9
$\frac{5}{8}$	6	3/9		6	8/-	$1\frac{13}{8}$	6	15/-
$\frac{11}{16}$	6	4/-		6	8/9	$1\frac{15}{8}$	6	16/3
$\frac{3}{4}$	6	4/3		6	8/9	$1\frac{17}{8}$	6	16/3
$\frac{13}{16}$	6	4/6		6	9/9	$1\frac{19}{8}$	6	17/6
$\frac{7}{8}$	6	4/9		6	9/9	$1\frac{21}{8}$	6	18/9
$\frac{15}{16}$	6	4/9		6	10/6			

## Square Taper Shank Bit Stock Drills



Fig. T2075. For Carpenter's Brace

Suitable for Steel, Iron and other metals;  
also Wood, Fibre, Vulcanite, Etc.

Diam. in.	Length in.	PRICE doz.	Diam. in.	Length in.	PRICE doz.
$\frac{1}{16}$	$3\frac{1}{2}$	10/6	$\frac{17}{32}$	$7\frac{1}{2}$	59/-
$\frac{3}{16}$	$3\frac{3}{4}$	11/3	$\frac{9}{16}$	$7\frac{1}{2}$	65/-
$\frac{1}{4}$	$3\frac{3}{4}$	12/6	$\frac{11}{16}$	$7\frac{1}{2}$	70/-
$\frac{5}{16}$	$4\frac{1}{4}$	14/9	$\frac{13}{16}$	$7\frac{1}{2}$	75/-
$\frac{3}{8}$	$4\frac{1}{2}$	16/9	$\frac{15}{16}$	$7\frac{1}{2}$	81/-
$\frac{7}{16}$	$4\frac{3}{4}$	18/9	1	$7\frac{1}{2}$	87/-
$\frac{1}{2}$	$5\frac{1}{2}$	21/-		$7\frac{1}{2}$	94/-
$\frac{9}{16}$	$5\frac{1}{2}$	25/-		$7\frac{1}{2}$	100/-
$\frac{5}{8}$	$5\frac{1}{2}$	29/3		$7\frac{1}{2}$	106/-
$\frac{11}{16}$	$5\frac{1}{2}$	33/6		$7\frac{1}{2}$	113/-
$\frac{3}{4}$	6	35/6		$7\frac{1}{2}$	119/-
$\frac{13}{16}$	6	38/6		$7\frac{1}{2}$	125/-
$\frac{7}{8}$	$6\frac{1}{2}$	43/9		$7\frac{1}{2}$	132/-
$\frac{15}{16}$	$6\frac{1}{2}$	49/-		$7\frac{1}{2}$	138/-
1	$6\frac{3}{4}$	54/3		$7\frac{1}{2}$	150/-

# TOGA GUARANTEED TOOLS

## High Speed and Carbon Steel Twist Drills

Square Taper Shank.

For Engineer's Ratchet Brace.



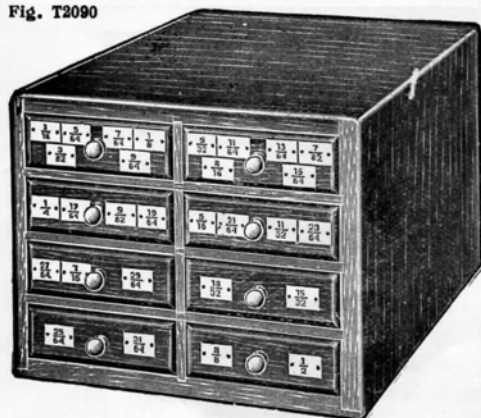
No. 1 Shank  $\frac{3}{8} \times \frac{3}{8} \times 1\frac{1}{2}$  in. long.  
H.S. Fig. T2076. C.S. Fig. T2077.

No. 2 Shank  $\frac{1}{2} \times \frac{1}{2} \times 1\frac{1}{2}$  in. long.  
H.S. Fig. T2078. C.S. T2079

Diam.	Length	PRICE each		Diam.	Length	PRICE each	
		Carbon Steel	High Speed Steel			Carbon Steel	High Speed Steel
$\frac{1}{8}$	$4\frac{7}{16}$	3/10	—	$\frac{3}{16}$	$7\frac{1}{2}$	8/6	22/-
$\frac{1}{4}$	$4\frac{1}{8}$	4/-	—	$\frac{7}{16}$	$7\frac{1}{2}$	8/6	22/6
$\frac{3}{8}$	$4\frac{1}{8}$	4/-	—	$\frac{1}{2}$	$7\frac{1}{2}$	9/7	23/-
$\frac{1}{2}$	$5\frac{1}{8}$	4/2	—	$\frac{9}{16}$	8	9/7	24/-
$\frac{5}{8}$	5	4/2	16/-	$\frac{5}{8}$	$8\frac{1}{2}$	10/7	25/-
$\frac{3}{4}$	5	4/5	16/-	1	$8\frac{1}{2}$	10/7	26/-
$\frac{7}{8}$	5	4/7	16/-	$1\frac{1}{32}$	$8\frac{1}{2}$	11/10	28/-
$\frac{15}{16}$	5	4/10	16/-	$1\frac{1}{16}$	9	11/10	30/-
1	6	5/-	16/6	$1\frac{1}{8}$	9	12/11	32/-
$1\frac{1}{32}$	$6\frac{1}{4}$	5/2	17/6	$1\frac{1}{4}$	9	12/11	34/-
$1\frac{1}{16}$	$6\frac{1}{2}$	5/2	17/6	$1\frac{3}{8}$	9	13/11	36/-
$1\frac{1}{8}$	$6\frac{1}{2}$	5/5	18/-	$1\frac{1}{2}$	9	13/11	38/-
$1\frac{1}{4}$	$6\frac{1}{2}$	5/5	18/6	$1\frac{7}{8}$	9	15/2	40/-
$1\frac{3}{8}$	$6\frac{1}{2}$	5/7	18/6	$1\frac{1}{2}$	9	15/2	42/-
$1\frac{1}{2}$	$6\frac{1}{2}$	5/7	18/6	$1\frac{3}{4}$	9	16/3	44/-
$1\frac{5}{8}$	$6\frac{1}{2}$	5/10	18/6	$1\frac{1}{2}$	9	16/3	46/-
$1\frac{3}{4}$	$6\frac{1}{2}$	5/10	19/6	$1\frac{7}{8}$	9	17/6	48/-
$1\frac{7}{8}$	$6\frac{1}{2}$	6/-	19/6	$1\frac{15}{16}$	9	17/6	50/-
$1\frac{15}{16}$	$6\frac{1}{2}$	6/-	19/6	$1\frac{1}{2}$	9	18/9	52/-
2	$6\frac{1}{2}$	6/5	19/6	$1\frac{1}{8}$	9	18/9	54/-
$2\frac{1}{8}$	$6\frac{1}{2}$	6/5	19/6	$1\frac{1}{4}$	9	20/-	56/-
$2\frac{1}{4}$	$6\frac{3}{4}$	7/3	20/-	$1\frac{3}{8}$	9	20/-	58/-
$2\frac{1}{2}$	7	7/3	21/-				

## Cabinets for Twist Drills

Fig. T2090



Strongly made of best seasoned American varnished Whitewood. The sides are dovetailed and bottoms of the drawers grooved. The drawers are furnished with white ivorine labels with drill sizes printed in black and are sub-divided to accommodate a complete range of Drills.

No. 1 Size

$8\frac{1}{2}$  in. wide,  $6\frac{1}{2}$  in. high,  $12\frac{1}{2}$  in. deep.

PRICE 24/- each

Made to accommodate a complete range of Jobbers' Drills  $\frac{1}{16}$  to  $\frac{1}{2} \times \frac{1}{4}$ .

No. 2 Size

$16\frac{1}{2}$  in. wide, 11 in. high,  $12\frac{1}{2}$  in. deep.

PRICE 60/- each.

Made to accommodate a complete range of Jobbers' Drills  $\frac{1}{16}$  to  $\frac{1}{2} \times \frac{1}{4}$ .

Bit Stock "  $\frac{1}{16}$  to  $\frac{1}{2} \times \frac{1}{4}$

# TOGA GUARANTEED TOOLS

## Sets of Carbon Steel Twist Drills

Carbon Steel Only

Fig. T2095

Set	$\frac{1}{16}$ in. to $\frac{1}{2}$ in. $\times$ 32nds	..	..	..	..	..	29/2 Set
„	$\frac{1}{16}$ in. to $\frac{1}{2}$ in. $\times$ 64ths	..	..	..	..	..	52/1 „
„	1 to 60 Gauge	..	..	..	..	..	45/3 „

Neatly Packed in a Substantial Cardboard Box.

## Wood Blocks for Twist Drills

Fig. T2096

No. 1.	For Fractional Sizes, $\frac{1}{16}$ in. to $\frac{1}{2}$ in. $\times$ 32nds	..	..	..	..	2/6 each
No. 2.	„ „ „ $\frac{1}{16}$ in. to $\frac{1}{2}$ in. $\times$ 64ths	..	..	..	..	3/ „
No. 3.	„ „ „ Number Gauge Sizes, Nos. 1 to 60	..	..	..	..	3/6 „

## Metal Drill Stands

NEW LINE



Fig. T2097

Stands are  $7\frac{1}{4}$  in. long  $\times$   $2\frac{1}{4}$  wide  $\times$   $1\frac{1}{4}$  high. They are carefully made in a hard and durable alloy of great strength. Finished in attractive Red Orange Impervious Enamel. Holes from the smallest to the largest size are carefully and

accurately drilled, and the sizes are clearly marked by raised figures at an angle which enables them to be read at a glance.

### PRICES

No. 1  
 $\frac{1}{16}$ — $\frac{1}{2}$  in.  $\times$  64ths

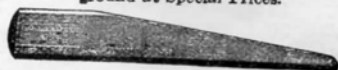
No. 2  
Nos. 1—60

2/3 each

## Steel Sleeves for Morse Taper Drills Fig. T3000



These Sleeves can also be hardened and ground at Special Prices.



Inside	Outside	PRICE	Inside	Outside	PRICE
1	2	1/5	2	4	3/5
1	3	2/5	2	5	7/1
1	4	3/5	3	4	3/5
1	5	7/1	3	5	7/1
2	3	2/5	4	5	7/1

### DRIFTS. Fig. T3005

No. ..	1	2	3	4	5	6
PRICE	1/4	1/8	1/10	2/4	3/-	3/10 each



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